

Ship. *"Columbus"* #29
Capt. *Reuben Russell*
Years. *July 7-1832- to May 21-1834.*

No 29

Handwritten text on a torn paper strip, possibly a label or title, including the word "M." and other illegible characters.

Since our last the weather has assumed a decidedly more agreeable phase, warm and mild, reminding one more of the glorious Spring-time than the season of blight and decay. As each season has its various changes of sunshine and storm, so with life, in the spring, the summer and the autumn, joy and sorrow alternately hold their sway, each occasioning the other to be forgotten.

AUTUMN.

The dying year! the dying year!
The heaven is clear and mild;
And withering all the fields appear
Where once the verdure smiled.

The summer ends its short career;
The zephyr breathes farewell;
And now upon the closing year
The yellow glories dwell;

The radiant clouds float slow above
The lake's transparent breast;
In splendid foliage all the grove
Is fancifully dressed.

On many a tree the autumn throws
Its brilliant robes of red;
As sickness lights the cheek of those
It hastens to the dead.

That tinge is flattering and bright,
But tells of death like this;
And they that see its gathering light,
Their lingering hopes dismiss.

O! thus serene, and free from fear,
Shall be our last repose:
Thus, like the Sabbath of the year,
Our latest evening close.

MILCH COWS AND DAIRY FARMING: Comprising the Breeds, Breeding and Management, in Health and Disease, of Dairy and other Stock; the selection of Milch Cows, with a full Explanation of Guenon's Method; the Culture of Forage Plants, and the Production of Milk, Butter and Cheese. Embodying the most Recent Improvements, and adapted to Farming in the United States and British Provinces. With a Treatise upon the Dairy Husbandry of Holland; to which is added Horsfall's System of Dairy Management. By Charles L. Flint, Secretary of the Massachusetts State Board of Agriculture. Liberally illustrated. Boston: A. Williams & Co.

In this book Mr. Flint has succeeded in furnishing best what every farmer in America needs. It contains the greatest amount of the most useful directions and suggestions in regard to the various subjects named in its title, of any work of its size yet known to the writer; and the one chapter on "The Culture of Grasses and other Plants recommended for Fodder," is worth alone the price of the work. It is illustrated with beautiful cuts, the paper is excellent, the print such as can easily be read by candle light, its style succinct, and it is altogether a most successful effort.

A FARMER.

POWER OF CONSCIENCE.—Dr. E. P. Fearing of this town, has recently received an anonymous letter containing the sum of twenty dollars, which the writer declares he dishonestly took, in property, from the late Henry Lincoln. Remorse of conscience induced him to make restitution, and

1819

July 14 Sea Decade
Obs. 49-46

Obs. 49-46
11-00 W. Sun. 14 by W. 14

D. Sun Nov 15-35
Mich 15-28
D. 11-00-01

D. 11-00-01
X1 15-34
Argument 15-10

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Jan 28 96-46-10

Example 16 by Mr.

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 its various chan-
 so with life, in
 the autumn, joy
 their sway, each
 forgotten.

dying year!
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 verdure smiled.

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 pressed.

the autumn throws
 robes of red;
 uts the cheek of those
 the dead.

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 death like this;
 t see its gathering light,
 ring hopes dismiss.

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DAIRY FARMING: Comprising, Breeding and Management, and Disease, of Dairy and other selection of Milch Cows with explanation of Gaenon's Method; of Forage Plants, and the Production of Milk, Butter and Cheese. Embracing the most Recent Improvements, Farming in the United States and Foreign Provinces. With a full and complete description of Dairy Husbandry of the United States. By Charles H. Horsfall's System. Published by Williams & Co. Boston.

1839
 Dec 15-35
 Dec 15-28
 Dec 15-00-04
 Dec 15-24

Nov 15-35
 Nov 15-28
 Nov 15-00-04
 Nov 15-24

111-

Impenses By Lyons

① W. L. 32-49
 ② W. L. 13-49

App Dist 62-17-12
 Cor. from 1st 2-18
 Corrected Dist - 62-19-27
 Difference of 1742 arch - 28-01
 Sum Dist - 61-51-26

May 22 1800 4957
 Michael 4921
 Diff - 36
 X 1 - 7
 Sum May 22 - 4950-22

① W. L. 4950
 ② W. L. 4950
 Correct Dist, Co. Dec - 2660
 Correct Dist, Jan 7 - 2801
 1st Arch 35-14 Dist - 7082
 2d Arch 7-13 Dist - 1-3990
 Sum 4954

Sum Dist 61-51-26
 W. L. - 62-11-26-04
 Dist - 1-20-00 - 3622
 W. L. - 61-38-57-36
 Dist - 1-32-29 - 2893
 Dist 0629

① W. L. 2-35-43
 ② W. L. 21-35-02
 Sum 21-35-43
 Long 21-35-43-100-100

67-25-32-49

Impresso by Lyons

Example 10, by W.

* Antares

March 10-1812 Le Account Att 2h Alt In Long 15E obs Dist 48* 54 46-11, Obs Att 11L

March 10-1812 Le Account Att 2h Alt In Long 15E obs Dist 48* 54 46-11, Obs Att 11L 37-15

March 10-1812 Le Account Att 2h Alt In Long 15E obs Dist 48* 54 46-11, Obs Att 11L 37-15

Long 15E In Time, Subs 1h

Peds Time March 9 11L

D. S. Dist Alt 16-15

Long 15E In Time, Subs 1h

Peds Time March 9 11L

D. S. Dist Alt 16-15

Long 15E In Time, Subs 1h

Peds Time March 9 11L

D. S. Dist Alt 16-15

Long 15E In Time, Subs 1h

Peds Time March 9 11L

D. S. Dist Alt 16-15

Long 15E In Time, Subs 1h

Peds Time March 9 11L

D. S. Dist Alt 16-15

Long 15E In Time, Subs 1h

Peds Time March 9 11L

May 12x Midn 59-39

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May 27-1812 Sea Account

Impoverished by Squares

Pleds from May 26th 15-34, D App. 16-05, X Regan's App. 21-26

W. D. 93-50-39
Landed from Lyons 2-16

Corrected D. 93-52-55
from 12 and 2. Arch — 21-32

Sum D. 93-31-23

D May D. M. 55-53
W. 56-05

D. 11-14
X 1-4

D Sum May D. 55-57 D. 57

D May D. 55-54 D. 5045
X App. 55 Dec - 4341
Landed D. 9-9990
1. Arch 20-29 - D. 9434
2. Arch 1-3
91-32

D May D. 55-54 D. 5045
X App. 55 Dec - 5545
Landed D. 9-9990
1. Arch 1-3 - D. 2-2332

Sum D. 93-31-23
W. 93-50-26-154

D. 93-19-03 — 9454
W. 92-21-34
D. 1-1-28-51

D. 6689 — 0-38-35
15-38-35

Sum App. 15-38-35
Long D. 5-04-35-76-94

Example 12 By. M. value
 September 23 - Astronomical account at 10 h 28^m P.M. Long 46 W. ~~Q. 4~~ obs. Q. 4
 September 23. ~~at 10-28 P.M.~~ ~~Q. 4~~ obs. ATT 25-20 Required the true Long.
 66-5-16, ~~Q. 4~~ obs. ATT 33-17, ~~Q. 4~~ obs. ATT 25-20
 September 23. At 10-28 P.M. ~~Q. 4~~ obs. Q. 4 33-12 ~~Q. 4~~ obs. ATT 25-20
 Long 46 W. In 5-04 ~~Q. 4~~ ATT 32-52 ~~Q. 4~~ ATT 25-16

[illegible]

Septem 6 23 At 10-18 PM, 1887
Long - 46 W. In 5-04

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Wash App 32-52

20

X App Att-25-16

Died Mrs. [unclear]
 D. J. [unclear] Midw. 16-37
 this song - Noon - 16-37
 [unclear] [unclear] [unclear]

May June 11 — 1
 Quint — 16 — 33
 True May IX — 60 — 47

Dani. Swan District - 16-40
Do do do do - 16

24 * 263 P. 570 66-11-85 -
 24 * 263 P. 570 66-11-85 -

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~~174-29-52~~
~~174-29-52~~

Sum	124-21
1/2 Sum	62-14-59
Sum	124-21
1/2 Sum	62-14-59

12 Remains 4-06-59
 12 Remains 4-06-59

1/2 Herman
 1/2 Sum - 67-14-59
 * 242 H 25-16

* 847 Jan 23
36-58-59

Hoy P. X. Midn. 760-41
 this taken noon - 60-58
 out very, diff. — 16
 41-52

Tru May, 1860-67

File 9-960-18

Memorandum

Memoir, Dec

XIII	—	1-6097
		581.5935

Cor 2-54 - 251-4933

True
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PL-1

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 64-71-58
 2000
 55-00

11	Fall XIX	-	-	58-00
220	Fall XIX	-	-	10-05

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207	1260	2-54
207	1260	2-54

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June 25. 1866 - 29. 1866

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1996—

$$\begin{array}{r} -2197 \\ \underline{02649} \\ -0-37-23 \\ \hline \end{array}$$

$$\begin{array}{r} 15-32-23 \\ \hline 15-32-23 \end{array}$$

Ship - 10 - 22
Pier - 3 - 04 - 23 - 46 -

This image shows a vertical strip of aged, yellowed paper, likely a flyleaf or endpaper from an old book. The paper has a mottled, textured appearance with various shades of yellow and brown, indicating significant age and possible water damage or staining. There are some faint, dark markings and a small, dark, irregular shape near the top right corner. The right edge of the strip shows a slight shadow, suggesting it is part of a bound volume.

January 1-18m ^{Bound} ~~Distances~~

San Francisco By Express

Piedus from January 1st 9.13 @ App. 25-42, * App. 39-37

Barry from ^{App. 15-10} ~~Distances~~ 1-30
Corrected 2.57 — 65-16-40
2.57. Between 22m 2.57 — 24-45

San 2.57 — 65-48-55

Day Dec 2007 55-09
Michael 55-09

2.57 — 14
X1 — 10

Day Day Dec 55-13

Day Dec 35-13 2.57 5132 Jan Day Dec 55-13 2.57 5132
* App. 2.57 1954 @ App. 2.57 3678
Corrected 2.57 — 9-9583 Corrected Jan — 3340
2.57 38-46 — 2.57 6669 2.57 11-1 — 2.57 1-2130
2.57 11-01
24-45

Jan 2.57 64-48-55
2.57 — 64-56-15-96
2.57 — 0-09-20 1-3900
2.57 — 63-04-42 2.57 — 2936
2.57 — 1-31-33 — 9-0964 — 0-64-75

Greenwich — 9-14-25
Jan 2.57 — 4-13
San Jan — 5-01-25-75-2124

January 1-1812 Astronomical account at 4 h-13 m P.M. in Long by

Example 13 By M.

January 1-1812 Astronomical account at 4 h-13 m P.M. in Long by
Account 75 m, obs Dist. 65-00 (obs. Alt. L. 25-30 am
obs. Alt. X Spica 39-41 required the true Long, — answers 75-21-45

January 1-1812 Astronomical account 4-13 P.M. @ 4 X obs Dist. 65-00 (obs. Alt. L. 25-30
Long 75 m for Time 5
Picks Time Jan 1 Astronomical Alt 9-13

Dist. 15-06 Noon 55-23
Midnight 15-02
Diff — 4
X 1 — 3

Time 15-03
Augment 41 — 7

Time 15-10
Dist. 65-15-10 —
App. Dist. 65-15-10 —
X App. Alt. 39-34
C App. Alt. 25-49
Sum — 130-34-10

1/2 Sum — 65-17-05
App. Dist. 65-15-10
1/2 Memd — 0-01-55
1/2 Sum — 65-14-05
* App. Alt. 39-34
2/2 Memd — 25-40-05

* obs. Alt. 39-41
* App. Alt. 39-34

Time 55-13
Dist. 15-10
X 1 — 3
Time 55-13

App. Dist. 65-15-10
1/2 Sum — 65-17-05
App. Dist. 65-15-10 —
X App. Alt. 39-34
C App. Alt. 25-49
Sum — 130-34-10
1/2 Sum — 65-17-05
App. Dist. 65-15-10
1/2 Memd — 0-01-55
1/2 Sum — 65-14-05
* App. Alt. 39-34
2/2 Memd — 25-40-05

Time 55-13
Dist. 15-10
X 1 — 3
Time 55-13
App. Dist. 65-15-10
1/2 Sum — 65-17-05
App. Dist. 65-15-10 —
X App. Alt. 39-34
C App. Alt. 25-49
Sum — 130-34-10
1/2 Sum — 65-17-05
App. Dist. 65-15-10
1/2 Memd — 0-01-55
1/2 Sum — 65-14-05
* App. Alt. 39-34
2/2 Memd — 25-40-05

Long Jan 1-1812 — 75-21-45

Appl of 21-1812 Sea Account
Impressed by Lyons

Dieds from Appl of 21st 1812 6^h - 11th 1812 41-30, * Appl of 25-10

Appl of 21st 1812 52-42-44
 Lower — 1-48

Corrected Appl of 21st 1812 52-44-32
 Appl between 13th and 22nd 10-09

Sum Appl — 52-54-41

May 21st Michael 54-21
 Differs — 54-15
 X 1-3
 Down May 21st 54-18

May 21st 54-18-01 — 5205
 * Appl of 21st 1812 54-18-01
 Corrected Appl of 21st 1812 54-18-01
 Sum Appl 29-01

May 21st 54-18-01 — 5205
 * Appl of 21st 1812 54-18-01
 Corrected Appl of 21st 1812 54-18-01
 Sum Appl 29-01

May 21st 54-18-01 — 5205
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 Corrected Appl of 21st 1812 54-18-01
 Sum Appl 29-01

May 21st 54-18-01 — 5205
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 Corrected Appl of 21st 1812 54-18-01
 Sum Appl 29-01

May 21st 54-18-01 — 5205
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 Corrected Appl of 21st 1812 54-18-01
 Sum Appl 29-01

Sum at present 18-1-15
 Sum of May — 23-00-00
 Long Sea — 4-58-45-46-47-48

Apr 21-1812 Sea Account Impressed by Logans

Example 14 by M

Apr 22-1812 Sea Account at 11 AM in Long 45 E by account the nearest
Line with * Polux was observed be 52-24-41 the observed alt of α L 41-18
and observed alt of the star was 25-14, Required the true Long.

Apr 22 Sea Account at 11 AM, α & * obs Dist 52-24-41, Obs Alt L 41-18, * obs Alt 25-14
Long 45 E in Time
Reds Time April 21st 2-6

Dist Dist 14-49 Noon 14-47
Diff 2

Dist Dist 14-49 Noon 14-47
Diff 2

Dist Dist 14-49 Noon 14-47
Diff 2

Dist Dist 14-49 Noon 14-47
Diff 2

2 1/2

Dist Dist 14-49 Noon 14-47
Diff 2

Dist Dist 14-49 Noon 14-47
Diff 2

Dist Dist 14-49 Noon 14-47
Diff 2

Dist Dist 14-49 Noon 14-47
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Dist Dist 14-49 Noon 14-47
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Dist Dist 14-49 Noon 14-47
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Dist Dist 14-49 Noon 14-47
Diff 2

Dist Dist 14-49 Noon 14-47
Diff 2

Dist Dist 14-49 Noon 14-47
Diff 2

Dist Dist 14-49 Noon 14-47
Diff 2

March 10-Sea Account

Impressed By Lyons

Cred's Tim March 9th 1880 C^d App. Att 25-26, C^d App. Att 43-24

App. D. 54 49-17-33
Corrections from Lyons 1-54
Corrected D. 54-49-19-24
Differs the 1st and 2nd 15-17
Sum D. 54-49-34-44

May 25 50-19-25 4821 D May 25 49-19 25-4821
C^d App. Att 3641 C^d App. D. 54 48-19-25
Corrected D. 54 48-19-25
12 March 33-35 25 4290
Differs 15-17

Sum D. 54 49-34-44
25 48-50-13-24-34
25-00-38-40
25-48-34-51-64
25-1-38-33
6679
25 48 16 4 25 38
25-4063-1-10-38

Sum at present 4-10-38
Sum at May 7-44-08
Long do Sum 3-33-30-53-22 2

March 10-Sea Account Longwood By Lyons

Example to 15 by M

March 10-1812 Sea Account $\frac{6}{m} \frac{m}{m} \frac{m}{m}$ in Long- by account 608, 641 638.57
1812-43, Obs Attt LL 25-14, Obs Attt LL 73-15 Required the Jan Long-
March 10 Sea Account $\frac{6}{m} \frac{m}{m} \frac{m}{m}$ 641 638.57, Obs Attt LL 25-14, Obs Attt LL 73-15
Long 608 Jan Time 4
Reeds Tim March 9 18-3-44-08

D Sim Dimt Doors 16-08 D Hoy PX Doors 59-11
Midwest 16-15 Midwest 59-39
Diff X1-28

D Jan Hoy PX-59-19

D Hoy Sim Dimt-16-10
Augmentations XI-15

D Jan Sim Dimt-16-08

Obs D.57-48-45-00

Obs Attt D.57-49-17-33

App Attt-25-26

App Attt-73-27

Sum-148-10-33

1/2 Sum-74-05-16

App D.57-49-17-33

1/2 Memo-24-47-43

1/2 Sum-74-05-16

App Attt 25-26

2 Memo-48-39-16

App Dist 2 Les 47-17-33
Tabl XIII-58-08

Tabl XIX-43-06

12 Cor-3-43

2 Cor-31-44

Tabl XX-18

Jan Dist 49-34-32

Jan Dist 49-34-32

12 Cor 3-43 Dist 1-68-55

1/2 Sum-74-05-16

App D.57-49-17-33

1/2 Memo-24-47-43

1/2 Sum-74-05-16

App Attt 25-26

2 Memo-48-39-16

Dist 49-34-32
50-13-24-34
6659
Dist-00-38-52
Dist-48-34-51-64
Dist-1-38-33
Dist-40-41-3

Sim at 900-10-59
Sim at Ship-4-44-08
Long Jan Time-3-33-09-53-11

January 8th Account

Improved By Lyons

Weds Tim January 8th 18-0-00, @ App. 2nd 30-33, @ App. 2nd 51-40

App. 2nd 72-08-03
Cor, from Lyons — 1-32
Corrected 2nd 72-09-35
Lyons the 12th March — 15-32
Sum 2nd — 71-54-03

Thurs 2nd 55-15 2nd — 5129 Thurs 2nd 35-15 2nd 5119
@ App. 2nd 20th Dec — 2939 @ App. 2nd 20th Dec — 1054
Corrected 2nd 25th Jan — 99786 Corrected 2nd 25th Jan — 4921
2nd March 29-30 — 2nd 7854 2nd March 13-58 2nd 1-1104
2nd March — 13-58
@ Lyons — 15-32 Sum 2nd 71-54-03
2nd 73-12-04-21h

2nd 1-18-01 — 3631
2nd 71-18-21
1-23-43 — 3325

2nd 0306-2-44-45
Tim at Greenwich — 23-47-45
Tim at App — 19-00-00
Long 2nd Jan Tim — 4-44-45-45-41-56 1/4 W

Example, 16. by. M.

January 8-1817 Sea Account at 4h AM In Long- 45m by account -
 the Obs Dist 24 N Lims was 71-36-30, Obs AT 21 L was 52-00
 Obs AT L was 30-21 required the True Long

January 8-1817 Sea Acc 4h AM, Obs Dist N L 71-36-30, Obs AT 21 L 52-00
 Long- 45m W'm Tim 5
 Pleds Tim January 8 1817, 0

Dist Dist 15-03 } Hoy Px 55-15
 Augment that XI - - 12
 Dist Dist 15-15
 Dist Dist 16-18
 4 Q obs Dist - 71-36-30
 App Dist - 71-08-03
 App AT - 30-33
 App AT - 51-40
 Sum - 154-21-03
 1/2 Sum - 77-10-31
 App Dist - 71-08-03
 12 Meman - 5-01-28
 1/2 Sum - 77-10-31
 2 Meman 46-37-31

Hoy Px 55-15
 or True Hoy Px -

App Dist 2 Les 70-08-03
 Tall XIX - 58-31
 Tall XIX - 26-11
 App Dist 2 Les 70-08-03
 Tall XIX - 58-31
 Tall XIX - 26-11
 App Dist 2 Les 70-08-03
 Tall XIX - 58-31
 Tall XIX - 26-11

Dist 2-37
 Jan Dist 71-54-01
 N L - 43-12-04-11h
 Dist - 1-18-01
 N L - 71-48-21 where
 Dist - 1-23-43
 Dist 0306-21
 Tim, at, Greenwich - 73-47-45
 Tim at Shop - 19-00-00
 Long- In Tim - 4-47-45-56

App. 23, Dist. Account

San Francisco Bay Lyons

Pieds Tim App. 23, 1850, C App. 31-52, X App. 42-50

App. Dist 69-46-21
Cor from Lyons, Tall-1-24
Corrected Dist-69-44-45
Diff 1/2 an Dist Church - 28-44
Tune Dist - 69-19-01

D May 30 54-10 Dist 52-15 D May 30 54-10 Dist-52-15
X App. 31, 60, Dec - 1676 C App. 31, 60 Dec-2774
Corrected, Dist, Dec 9-9724
Corrected, Dist, Jan 4342
2 Dist Church 10-31 Dist-1-2331
2 Dist Church 39-15- Dist-6615
2 Dist Church-10-31
28-44

Tune Dist 69-19-01
Dist-69-20-15-4000
Dist-0-01-04
Dist-69-53-03-36
Dist-1-24-12
Dist-1-9124

Long San Fran-4-57-48-
Greenwich Tim
5-57-48
Dist-272

Apr 23 Dist Account

Example By, M

April 23-1812 Ast, etc, at 5 PM Long 75° E by Account, the, Obs, Dist of the
farther Lim from * Dates was 70-1-18, the, obs Dist of, WL 32-12, and
Obs Dist of, * Dates 42-54 Required the true Long.

Obs Dist 70-01-18, (Obs Dist 91-32-72)
(App. Dist - 31-52)

May Dist noon 54-10
as true May Dist

* Obs Dist 42-54
refract - 4
* App. Dist 42-50

D. Sum Dist - 14-46
Augment XI 11

D. Sum, Sum Dist - 14-54

D. * Obs Dist 70-01-18

App. Dist 69-46-21

* App. Dist 62-50

D. App. Dist - 31-52

Sum - 144-28-21

1/2 Sum 72-14-10

App. Dist - 69-46-21

1/2 Sum - 2-27-49

1/2 Sum 72-14-10

* App. Dist - 42-50

2- mem - 29-24-10

App. Dist 9-9723 - Same - 9-9723

App. Mem, Co Sec - 3090 - Same - 3090

1/2 Mem, Sec - 0004 1/2 Sum, Sec 5155

1/2 Mem, Sec - 1-8112 Table XIX - 2334

Table XII - 1-2-09 29

1/2 Cor 1-27 Dist - 69-19-08

True Dist - 69-20-15 Noon

Dist - 01-07 - 2-2043

Dist - 67-53-03-3h

Dist - 1-27-12 - 1-8923

Long: In true - 4-57-42

72-75-2

App. Dist 67-46-21

Table XII - 58-59

Table XIX - 15-12

1/2 Cor - 1-27

1/2 Cor - 16-47

Table XX - 22

True Dist - 69-19-08

0-2-18 Greenwich

5-0-00 Ship

Long: In true - 4-57-42

72-75-2

June Sea Account 26-

Impressed By Lyons

Weds June 26-0⁴, * M^{rs}. Att 32-11, A M^{rs}. Att 29-67⁹

M^{rs}. Dist 69-03-13
For from Lyons till 1-09
Board Dist - 69-04-22
Off from 1st 2nd Stock - 21-50
June Dist - 68-42-32

D May 27x 57-25 Dst 4962 - D May 25 Dst 4962
* M^{rs}. Att, Co Dec - 2736 A M^{rs}. Att, Co Dec - 3039
Correct, Dist, Sin 9-9403 Correct, Dist, Jan - 4143
13 Stock 32-45 + Dst 4601 2nd Stock 10-55 Dst 2174
2-Stock - 10-55
21-50

June Dist 68-42-32
WD - 68-43-14
Dst - 0-00-42 2-4102
WD - 69-10-59 34 2903 4th M^{rs}. Att
Dst - 1-32-15 Dst 2-1199 - 0-1-22 given with Tim at ship
3-00-00 2-5838

Wm. Chas. Shadwick
On board of the ship Baltic
of Chautauket Off March 19-1851
Long - Sin Tim - 2-5838
44-444 &

June Sea Account 26 -

At Se
August 9 Sea Account 26 - 27 PM In Long 40 W by account the obs Dist
the Obs & Lins, was 120-34-4, Obs Alt LL 20-21 Obs Alt 91 S 12-38-20
Required the true Long; thus Is the Mean of three Sets and

Thus the Long 42-1

PM In Long 4 W by account

22 obs Alt LL 18-17 Col
Mean of 7

Lunar
Tuesday February 8 - 1831
Wind and raged from NW, to
run SE Middle and
Strong Winds and thick
small rain and fog from W

Diff Lat	Long	Long in	Lat in
118	88-27	47-31	8

Wednesday February 9
Strong winds and Squally
run SE Middle winds NW
W to end there 24 hours

Diff Lat	Long in	Lat in
125	87-32	48-36

Feb - 10 - 1831
Wind S E 6 PM head
S N B have too again
from SW and thick

part	Long	Diff Lat	Long in	Lat
3	38	67	86-53	50-43

Friday Feb 11 - 1831
Wind from SW layed too head
drift to E S E 4 PM made
other more moderate with plenty
from NW run S E

part	Long	Diff Lat	Long in	Lat
------	------	----------	---------	-----

Thursday Feb 24 - 1831
part strong breeze from S W
N N E Middle and latter strong
and from S E to S E run NW
Long 49-12 W Lat 48-50 N

For from
 Board of Dir.
 off from 1st 2nd 3rd
 Jan Dist - 68

D May 3rd 57-25
 * May 2nd 1st 60 Dec -
 Estate of Dist, Jan 9-1
 12 March 32-45 - 21-46
 2-28-10-55
 21-50

25. 21 49 62
 att, 60 Dec - 3039
 rect, Dist Jan - 4143
 2-28-10-55 21-46
 2

Jan Dist 68-42-32
 21-58-68-43-14
 2-6102
 21-0-00-42-32
 21-69-10-59 24
 2 2903
 21-1-32-15
 21-1-1199-0-1-22
 3-00-00
 2-58-38
 44-4444 8

London. Chardwick
 On board of the ship T. B. Allen
 of Chautauket - March 19-1851

Lunar ...

Tuesday February 8 - 1831

Strong wind and raged from NW to
to West run SE Middle and
latter Strong Winds and thick
with small rain and fog from W

Course	Dist	Lat	Long	Long in	Lat in
SESE	147	122	118	88-27	47-31 S

Wednesday February 9

First part Strong winds and squally
from the West later SE Middle winds NW
latter W & NW run SE W so ends there 24 hours

Course	Dist	Lat	Long	Long in	Lat in
SESE	139	82	55	125	87-32 48-36

Thursday Feb - 10 - 1831

Strong winds from W run SE & NW head
5 PM made sail & NW have too again
with hard gails from SW and thick

Course	Dist	Lat	Long	Long in	Lat in
SESE	72	25	38	67	86-53 50-43

Friday Feb 11 - 1831

Strong gails from SW layed too head
SESE drift to SE & NW made
sail latter more moderate with plenty
of rain from NW run SE

Course	Dist	Lat	Long	Long in	Lat in
--------	------	-----	------	---------	--------

Thursday Feb 24 - 1831

First part strong breeze from SEW
run NNE Middle and latter strong
winds and from SE to SE run NW

Long 49-12 W Lat 48-50 N

Remarks

Sunday Feb 13 - 1831

Brisk breeze and clear from WSW
run SE up S Middle and latter strong
and squally from WNW to W run SE

Course	Dist	Dep	Dif Long	Dif Lat	Long in	Lat in
SE 1/4 E	124	44	54	120	85-4	55-58

Monday Feb 14 - 1831

Strong winds and squally from WSW
run SE 4 PM run SSE 8 PM run E
with strong gale from WNW and squally

Course	Dist	Dep	Dif Long	Dif Lat	Long in	Lat in
SE 1/4 E	128	95	158	58	82-18	57-05

Tuesday Feb 15 - 1831

Strong gale and squally from N W run E
4 PM run ESE 7 PM saw a ship to the SW
12 at night ESE strong winds and squally from the W

Course	Dist	Dep	Dif Long	Dif Lat	Long in	Lat in
ESE 1/4 S	128	121	223	39	78-38	59-45

Wednesday Feb 17 - 1831

Strong winds and squally from W run ESE

governor's ship
seen at ship

6
9-67

Lunar

Remarks

Sunday Feb 20 1831

Moderate and fair weather from WSW run
NE Long by Lunar 2-40 PM 61-43 W 8
by another set 61-55-00 W Lat 55-40

Monday Feb 21-1831

Strong breeze and squally with rain from
WSW run NE to N middle and
Latter strong winds with rain from
SW run NE to N Saw Calp

Long 56-07-W Lat 54-20

Tuesday Feb 22-1831

Strong Winds and thick from SSW run
NE to N Latter moderate and thick from
SW run NE to E from 4 at N

Long 53-37-W Lat 52-55 S

Wednesday Feb 23-1831

Breeze here and clear from SSW run
NN E Middle run NE to N Latter NE to E
With strong winds squally from SW to SSW

Long 61-25 W Lat 51-15 S

Thursday Feb 24-1831

First part strong breeze from SSW
run NN E Middle and Latter strong
winds and from SSE to SE run NE to E

Long 49-12 W Lat 48-30 N

Friday Feb 25 - 1831

Strong winds from SE ran NNE
6 AM hove too with strong gails and
squally from SE to ends

Long 47-22 W. Lat 47-28 N

Saturday Feb 26 - 1831

Strong gails from SE layed too 3 PM
made sail. ran NNE 6 PM ran NNE
middle strong breeze from ESE latter winds
E head NNE Long 46-27 W

Lat 45-22 N

Sunday Feb 27 - 1831

Strong breeze from the E ran NE 4 PM
4 PM wind SE ran NE 6 PM middle
and latter from ESE ran NE 6 PM
Long 44-17 W Lat 43-29 S

Monday Feb 28 - 1831

Brisk breeze from SSW ran
NE 6 PM Middle and latter from
SSW Long 42-29 W Lat 40-19 S

Tuesday Feb March 1 - 1831

Moderate from SW ran NE 6 PM
middle and latter the same
Long 41-6 W Lat 40-49 S

Wednesday March 2 - 1831

Brisk breeze from S W run N E Bk
middle the same latter brisk breeze
from S S W run N E Long 38-28 W
Lat 38-40 S

Thursday March 3 - 1831

Brisk breeze from S S W run N E
middle and latter from S E to E
head from N E to N N E Long 38-48 W
Lat 38-00 S

Friday March 4 - 1831

Moderate and fair from N E and thin
wind from N N E backed to E & P M
backed to N N W latter strong breeze
and squally from N E Lat 37-15 S
Long 39-10 W

Saturday March 5 - 1831

Strong winds and squally from N E
head N N W latter wore to N N E
Strong winds from E Long 36-15 W
Lat 36-45 S

Sunday March 6 - 1831

Brisk breeze from N W run N E
Middle and latter the same
Long 34-56 W
Lat 36-00 S

Monday March 7 - 1831

Strong breeze from N W run N E
2 P M wind W middle and latter
wind W S W run N E so ends
Long 32 - 10 W Lat 34 - 11 S

Tuesday March 8 - 1831

Moderate and fair weather from the
W run N E B N middle and latter
wind from N to N W head from N E
to N E B N Long 31 - 18 W Lat 33 - 13 S

Wednesday March 9 - 1831

Moderate and fair from N N W head
N E middle and latter brisk breeze from
from N head E B N to E N E Long 29 - 10 3/4 W
Lat 32 - 39 - S

Thursday March 10 - 1831

Brisk breeze and clear from N head
E B N middle the same so ends
Long 28 - 00 W Lat 32 - 11 S

Friday March 11th - 1831

Strong breeze and thick from N W
head N E B N middle and latter winds
from W to S run N E so ends with
calm Long 27 - 25 W Lat 30 - 50 S

Saturday March 12 - 1831

First part calm 7 P M light breeze from
N head from E to N E B N latter the
same Long 26 - 57 W Lat 30 - 28 S

Sunday March 13 - 1831²⁵
Moderate from NW head off EBN
to NE 13 E. & NNE all this 24 hours
Long 26 - 2 W Lat. 29 - 17 S

Monday March 14 - 1831
First part light winds from NW
head NNE Middle head NNE Lat here
NE wind NNE Long 25 - 30 W
Lat 28 - 16 S

Tuesday March 15 - 1831
Light winds and fair weather from
NNE head NE middle and latter
light winds and variable from NW
to NNE head EBN to N
Long 2500 W Lat 29 - 31 S

Wednesday March 16 - 1831
Light winds from NW head NNE
Middle and latter light winds and
variable from NNE to WNW
and thick with some rain
Long 24 - 40 W Lat 26 - 42 S

Thursday March 17 - 1831
The first part calm middle light from
S to NE latter calm so ends
Long 24 - 40 W Lat 26 - 24 S

Friday March 18 - 1831
Light air with calm from NW to WNW
2 PM shifted to NW middle and latter
light wind from NNE to ENE head from
NW to WNW Long 25 - 40 W Lat 25 - 41 S

Saturday March 19 - 1831
Moderate breeze and cloudy from ENE
head NBN middle and latter wind
from NE to NNE head from NNW
to NW Long 24-21 - Lat 24-48 S

Sunday March 20 - 1831
Light winds from NNE head NW
4 PM wind NNW tacked to NE
6 PM wind from N 4 AM tacked to
NNW wind NE 8 AM wind NNE
head NW Long 24-52 W Lat 24-4 S

Monday March 21 - 1831
Light ares from NBE head NWBN
4 PM tacked to NE wind NNW 8 PM
calm 9 PM took a light breeze from NE
head NNW latter head from N to NBN
and light breeze from ENE to NE Saw Ship
to the W running to SE Long 25-15 W
Lat 23-49 S

Tuesday March 22 - 1831
Light ares from NE to ENE head
NNW 6 PM Saw another ship
to the NE wind from E to E run N latter
wind ENE head N her Course
Long 25-30 W Lat 22-50

Wednesday March 23 - 1831
Light breeze from ENE to NE
head from NNW middle and latter brisk
breeze head N Long 25-00 W
Lat 21-43 S

Louman

Bervan

Thursday March 24 - 1831

Brisk breeze from NE B. head N W the
middle and latter head N W wind
NE I saw a ship to the W standing to
SE Long 25 - 38 W Lat 20 - 30 S

Friday March 25 - 1831

Brisk breeze from NE head N B W
middle the same wind E
Long 26 - 20 W Lat 19 - 21 S

Saturday March - 26 - 1831

Brisk trade from E to E SE run N B W
Long 27 - 15 W Lat 17 - 12 S

Sunday March 27 - 1831

Brisk from E run N B W middle and
latter the same Long 28 - 03 W
Lat 15 - 22 S

Monday March 28 - 1831

Moderate from E SE run N B W
middle and latter wind from SE
Long 28 - 45 W Lat 13 - 32 S

~~Tuesday~~ March 29 - 1831

Moderate from SE run N B W
saw ends Long 29 - 47 W Lat 12 - 12 S

Wednesday March 30 - 1831

Moderate and squally from E run N B W
4 B. run N B E wind E
Long 30 - 11 W Lat 10 - 32 S

Thursday March 31 - 1831

Moderate and fair from E run N B W
saw a sail to the windward

Friday April 1 - 1831

Moderate and fair weather from S E run
N B E 4 P M run N middle and latter
the same wind from S E to E

Long 32 - 25 W Lat 6 - 57 S

Saturday April 2 - 1831

Light winds and fair weather from S E
run N E B N spoke the Sophia with
1100 whale oil Long 33 - 20 W Lat 5 - 57 - S

Sunday April 3 - 1831

Bush trade from S E run N W B N
latter light winds from E S E run N W B N
saw the Sophia in company with the Mercator
with 1400 lbs of R whale oil Long 34 - 52 W
Lat 34 - 52 W Lat 4 - 25 - S

Monday April 4 - 1831

Light winds and fair weather from
E S E run N N W to N W B N latter
spoke the ship Mercator Long 35 - 54 W
Lat 2 - 51 S

Tuesday April 5 - 1831

Light winds and fair weather from S S E
run N W B N light breeze from N
run N E latter wind N E run N W B N
Long 36 - 26 W Lat 14 2 S

Wednesday April 6 - 1831

Light aries from S S E run N W B N
middle squally wind E latter light winds from
E N E run N N W Long 36 - 41 W Lat 00 - 25 S

Sunday April 7 - 1831

Light breeze from ESE ran NNE middle and
latter wind from E to NE ran NNE
Long 38-44 W Lat 1-11 N

Friday April 8 - 1831

Light breeze from ENE ran NNE
middle and latter wind NE ran NNE
with strong current Long 39-44 1/2 W
Lat 2-23 N

Saturday April 9 - 1831

Light breeze from NE head NNE middle and
latter the same Long 40-42 W Lat 2-50 N

Sunday April 10 - 1831

Light breeze from NE head NNE
middle wind NE to ESE latter calm
Long 40-30 W Lat 3-25 N

Monday April 11 - 1831

First part with calm

Handwritten practice on a 15x15 grid. The first row contains 15 'V' characters. The remaining 14 rows each contain 15 'C' characters, forming a solid block of 'C's.

serva ti

This image shows a page of handwriting practice on a 12x12 grid. Each cell contains a cursive letter, likely 'L' or 'C', written in a consistent style. The letters are arranged in rows and columns, showing variations in slant and stroke direction. The handwriting is fluid and consistent across the page.

4-7

2-5

23-

3-2

15

2

-50-33

8-32

108

24



4. 10. 18

— 4 —

20

42

57

43

10

2240

2.

62

1

10

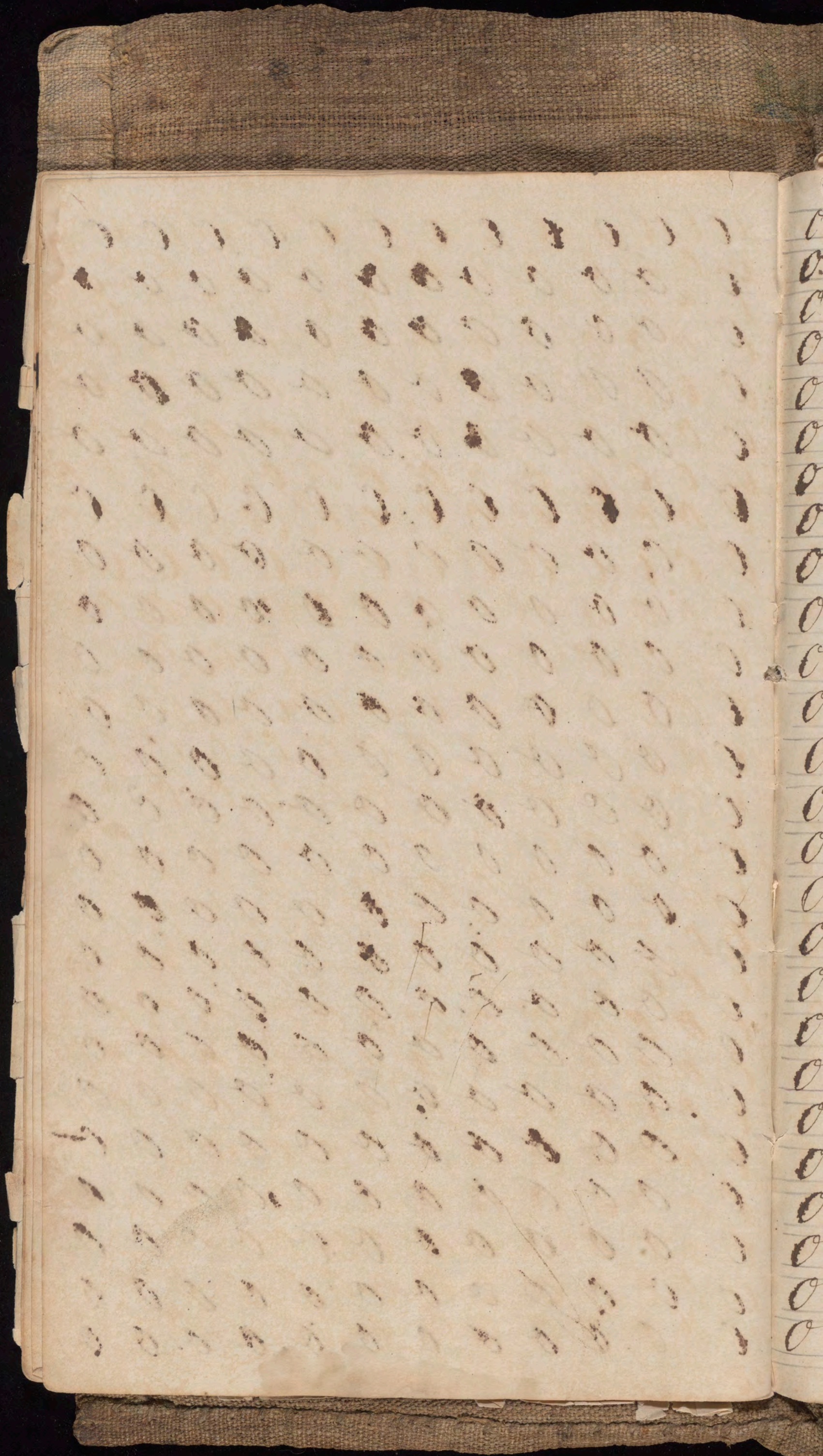
Handwritten text in a cursive script, likely a historical document or manuscript. The text is arranged in approximately 15 vertical columns across the page. The script is dense and flowing, characteristic of early modern handwriting. The paper is aged and shows signs of wear, including discoloration and some staining. The binding of the book is visible at the top and bottom edges, showing a coarse, brown fabric cover.

Lunan

serva

Handwritten text on a grid, consisting of multiple rows of stylized characters or symbols.

14
7-8
23-5
3-23
1-22
18
30-33
-32
-08
-24
44
57
48
20
6/9



Lunar

Mercur

Handwritten text on a grid, consisting of numerous small, stylized characters or symbols arranged in rows and columns. The characters appear to be a form of shorthand or a specific script, possibly related to the "Lunar" and "Mercur" headings. The text is written in dark ink on aged, slightly stained paper.

-12

7-8

23-5

3-23

1-22

18

50-55

-32

-08

-24

W

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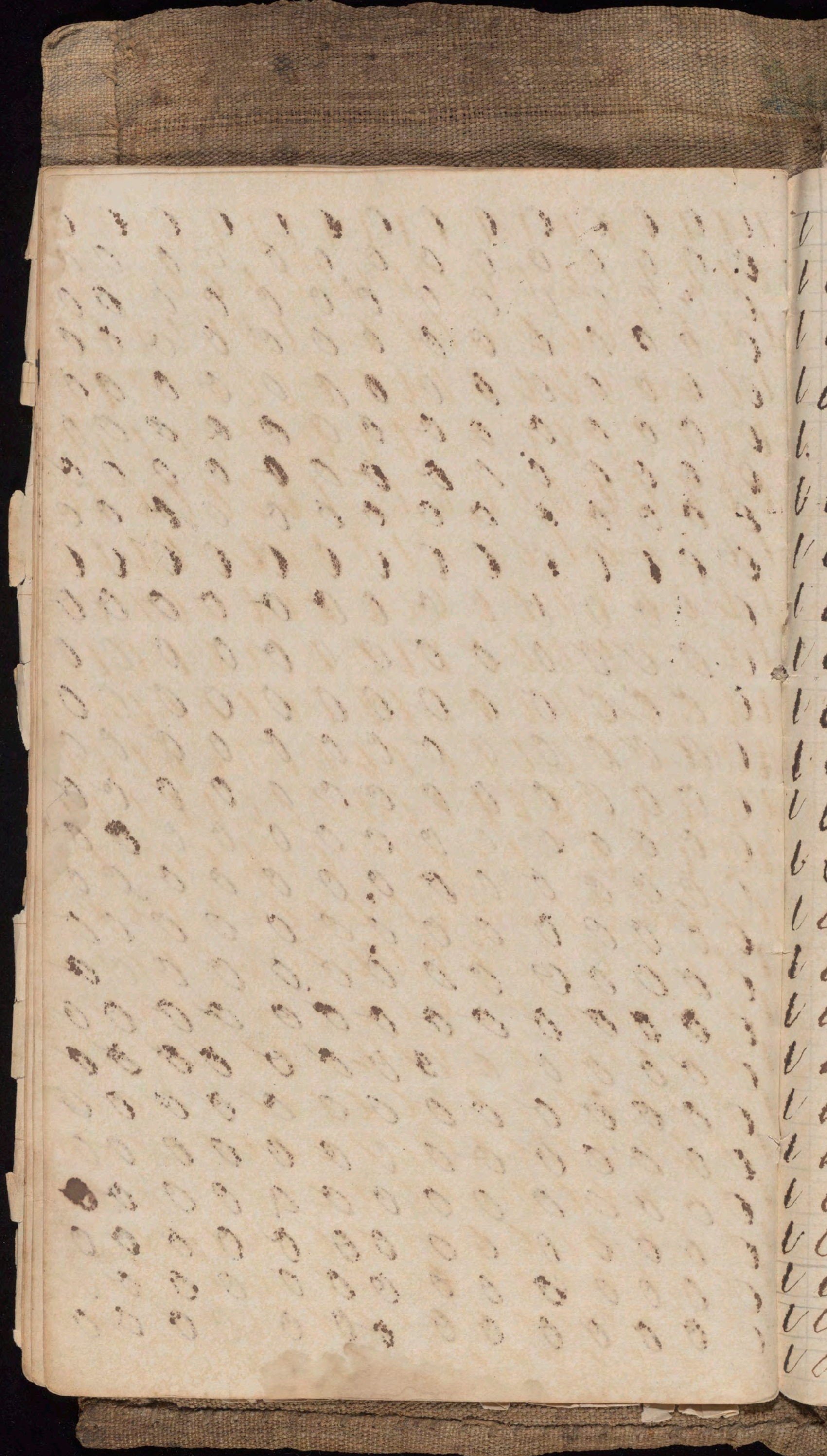
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serva n

4-14
1-8
23-5
3-2
1-2
18

50-33

8-32

108

254

4th

20

42
57

48

newbie

2.

45

10


6

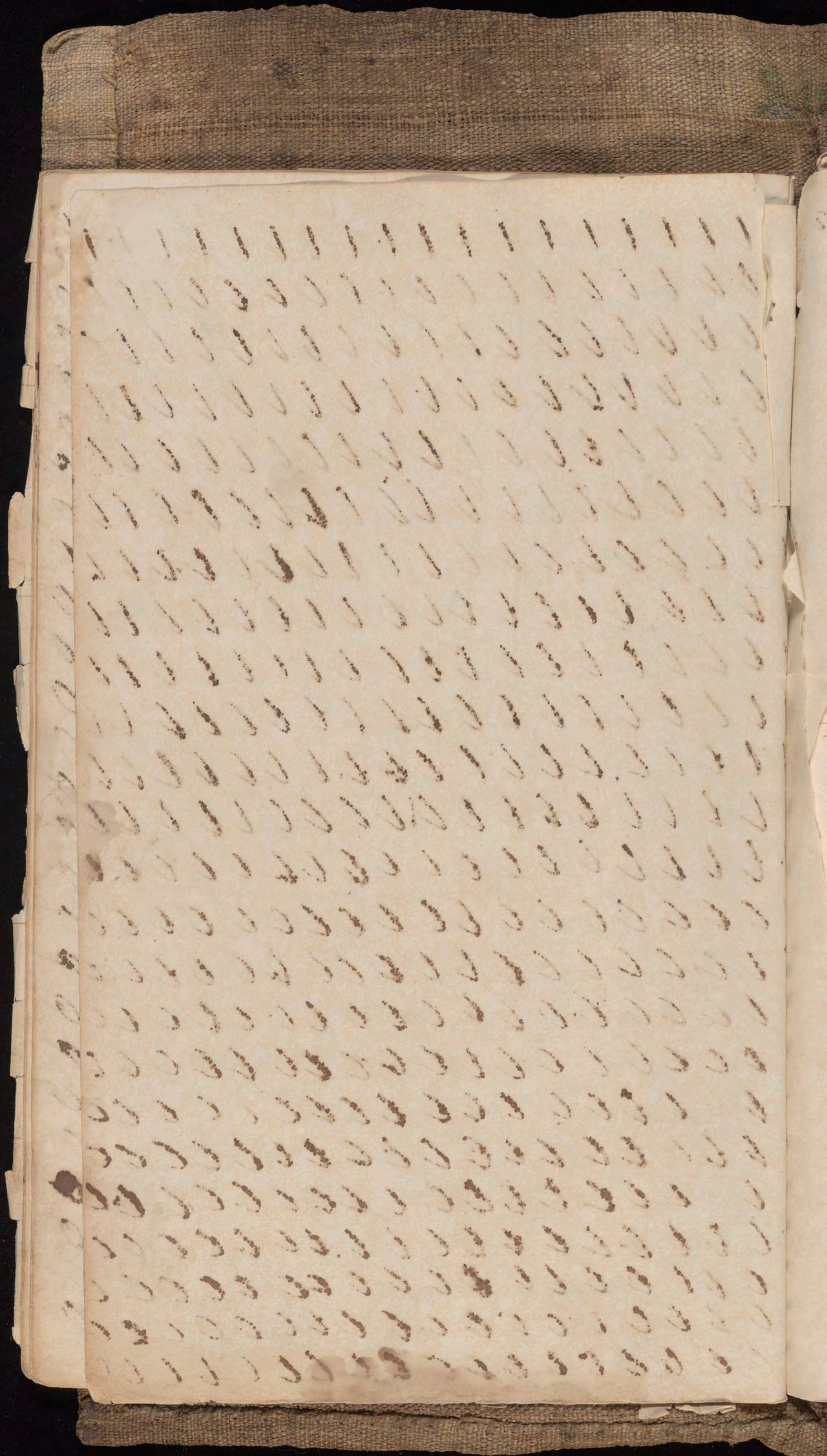


10

18

...





Lunar Observations

Dist 20-18-08 - 95-47-07-26-51-4

5-40
2-58-8
N 56-01
m 55-38
23
55-55

9-5974
0-0547
0-0056
1-5075
1-7222

9-5974
0-0547
1-7164
0-2154
1-9847

94-14
78
23-5
3-23
1-52
18

95-50-33
97-16-33
1-26-20

3181
3180
0011

95-50-33
14-59-32
8-18-08
5-41-24

10
40
11
4-05
18-51
24-46
58-54-05
27-03-40
61-50-25

95-54-20
26-23

Long 100-21 W

true alt Time
77-07-49

latt 9-20-00 sec

pd 112-30-04 0030

48-51-53

76-25-56 esm

27-01-48

47-24-07 time

True Time

8-18-8

0-00579

0-03439

5-42872

9-86694

18-83683

9-86481

Suns Alt

26-37-4

12-00

27-03-40

1-57

77-01-49

Declination

22-29-21

1-48

22-31-10

1-06

PD 112-30-04

man man

an man

3

5

5

4

5

5

11

Lunar Observations

Dec 6 15th 20-18-08 - 95-47-07-26-51-4

<p> $\begin{array}{r} 15-16 \\ 15-10 \\ \hline 15-15 \\ 13 \\ \hline 15-28 \\ 15-16 \\ \hline 95-47-07 \\ 96-18-51 \\ 27-03-40 \\ 54-25-40 \\ \hline 177-48-11 \\ 88-54-05 \\ 96-18-51 \\ 7-24-46 \\ 88-54-05 \\ 27-03-40 \\ 61-50-25 \end{array}$ </p>	<p> $\begin{array}{r} 2-58-8 \\ 55-01 \\ 55-38 \\ 23 \\ \hline 55-55 \end{array}$ $\begin{array}{r} 9-9874 \\ 0-0547 \\ 0-0036 \\ 1-8065 \\ \hline 1-7222 \end{array}$ $\begin{array}{r} 95-50-33 \\ 97-16-33 \\ 1-26-20 \\ \hline 95-54-20 \\ 26-23 \end{array}$ </p>	<p> $\begin{array}{r} 9-9874 \\ 0-0547 \\ 1-7168 \\ 0-2154 \\ \hline 1-9847 \end{array}$ $\begin{array}{r} 94-18-47 \\ 78-16 \\ 23-51 \\ 3-29 \\ 1-52 \\ 18 \\ \hline 95-50-33 \end{array}$ $\begin{array}{r} 3181 \\ 3180 \\ 0011 \end{array}$ $\begin{array}{r} 14-59-32 \\ 8-18-08 \\ 6-41-24 \end{array}$ </p>
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Long 100-21 W

<p> true alt $\begin{array}{r} 77-07-49 \\ 12-30-04 \\ 48-51-53 \\ 76-25-56 \\ 27-01-49 \\ 47-24-07 \end{array}$ </p>	<p> $\begin{array}{r} 0-00579 \\ 0-03438 \\ 5-42822 \\ 3-86694 \\ 18-83683 \\ 5-86781 \end{array}$ </p>	<p> Sun's Altitude $\begin{array}{r} 26-37-41 \\ 12-00 \\ 27-03-40 \\ 1-57 \\ 77-01-49 \end{array}$ </p>
<p> Declination $\begin{array}{r} 22-28-21 \\ 1-48 \\ 22-31-10 \\ 1-06 \end{array}$ </p>		
<p> True Time $\begin{array}{r} 12-30-04 \end{array}$ </p>		

[illegible]

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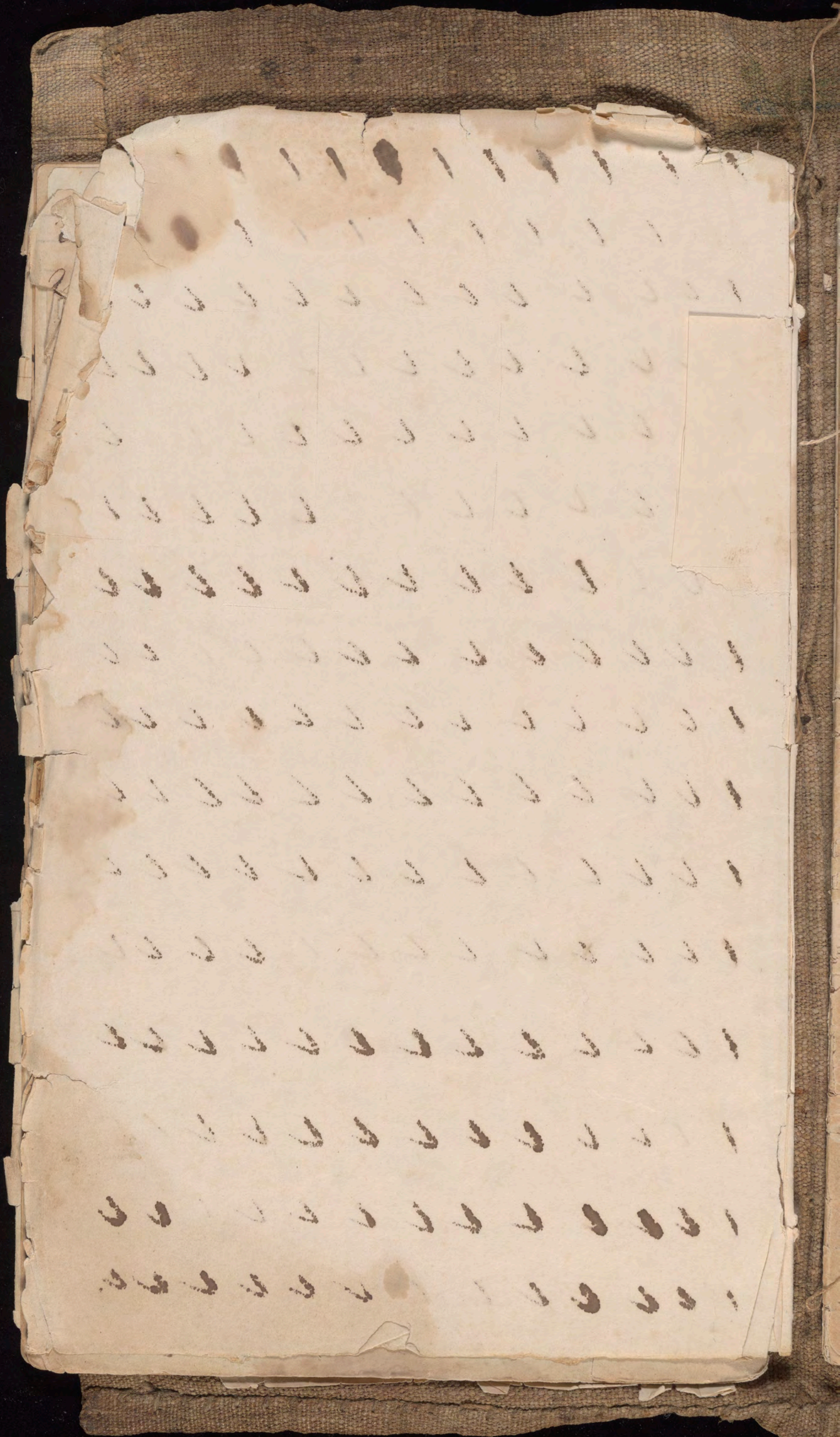
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V L L L L L L L L L

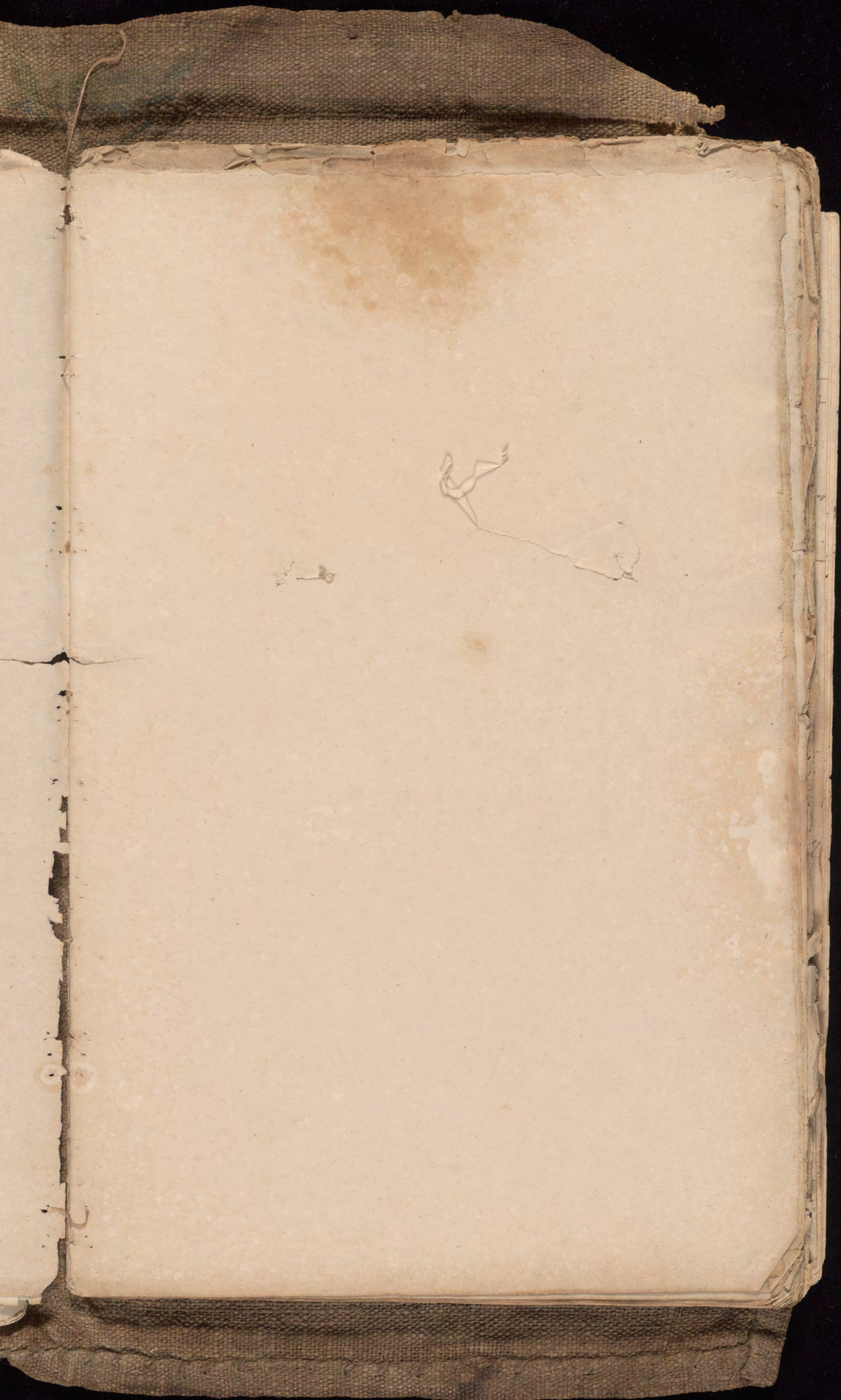
V L L L L L L L L L

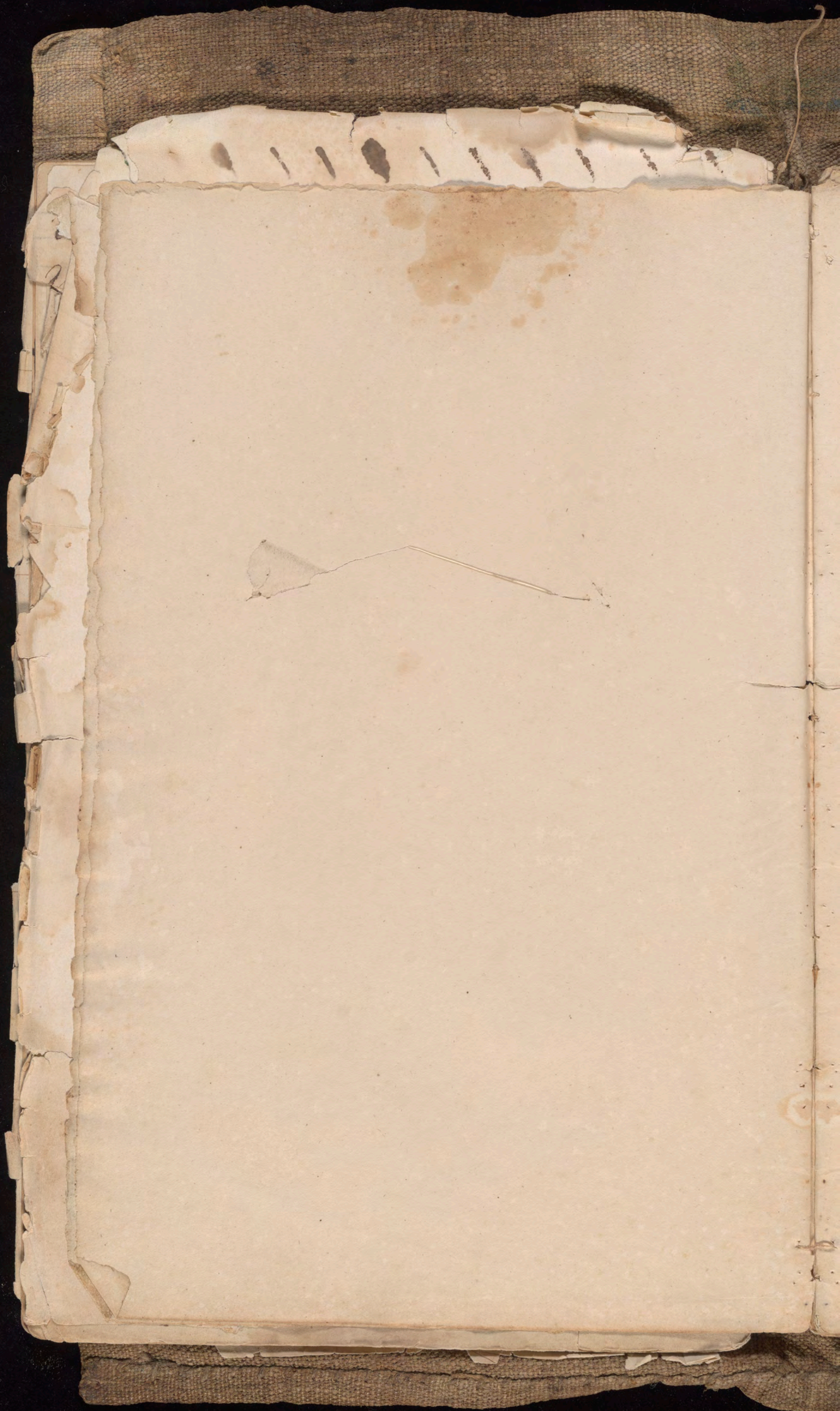
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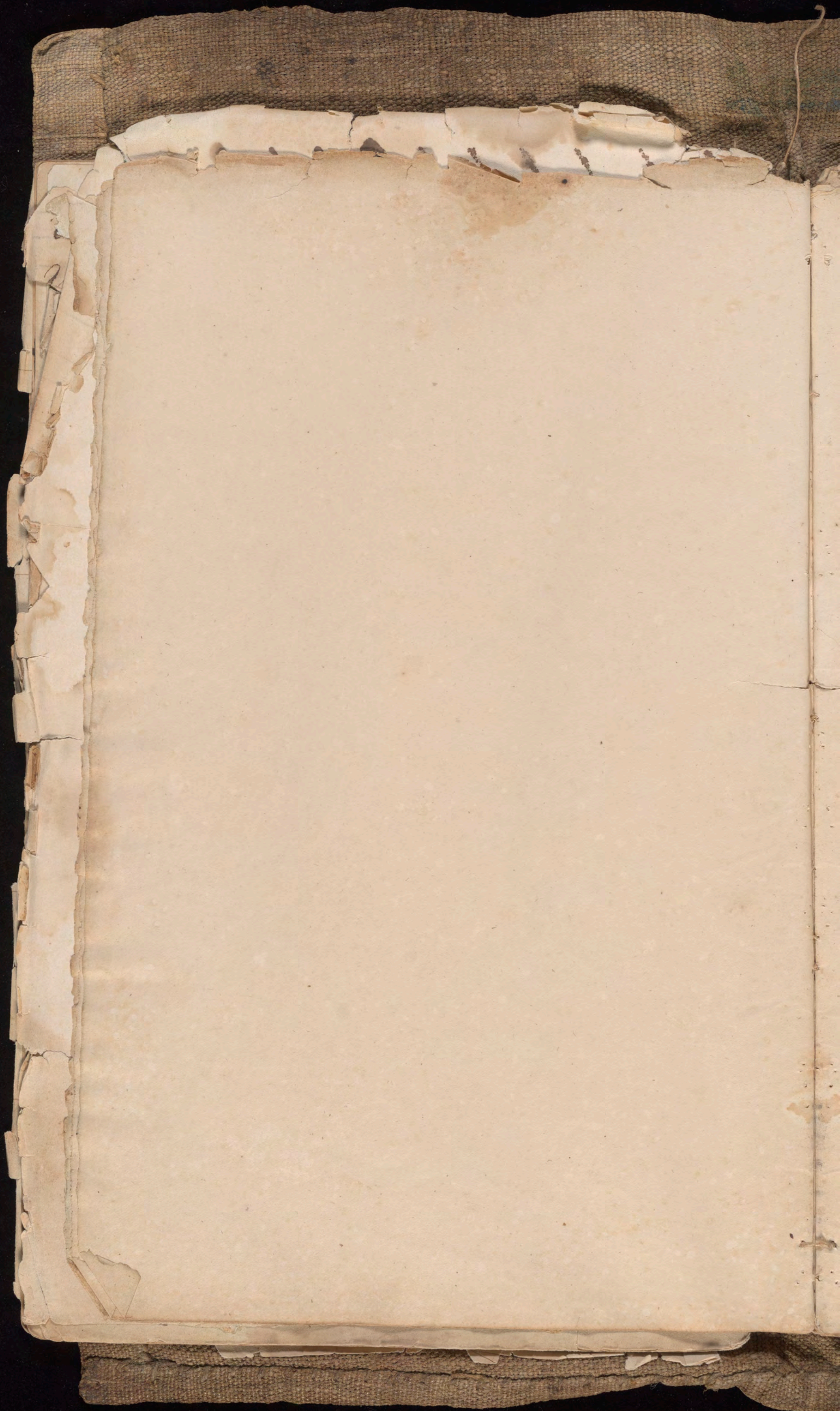


















Harbor Boat



Longhorn Boat



Waste boat



White Whales



White Whales

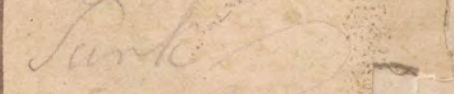


Right Whales

White Whales



Right Whales



Sunk

Bough Boat



White Whales



4/8
124
26

4/1
124
26

Mate keeps the Log.



Reduction

how many Dollars Times cts and mills in 77 Eagles

$$\begin{array}{r} 77 \\ 10 \\ \hline 770 \\ 10 \\ \hline 7700 \\ 10 \\ \hline 77000 \\ 10 \\ \hline 770000 \end{array}$$

answ.

in £ 987 = 14 = 6 1/2

$$\begin{array}{r} 20 \\ 19754 \\ 12 \\ \hline 237054 \\ 4 \\ \hline 4748219 \\ 12 \overline{) 237054} = 3 \\ 20 \overline{) 19754} = 6 \\ 987 = 14 = 6 1/2 \end{array}$$

Answer

$$\begin{array}{r} £ \quad s \quad d \\ 19 = 15 = 7 1/2 \\ 20 \\ 395 \\ 12 \\ \hline 4747 \\ 4 \\ \hline 47470 \\ 12 \overline{) 4747} = 2 \\ 20 \overline{) 395} = 7 \\ 19 = 15 = 7 1/2 \end{array}$$

$$\begin{array}{r} £ \quad s \quad d \\ 7 = 0 = 11 \\ 20 \\ 140 \\ 12 \\ \hline 1681 \\ 4 \\ \hline 46725 \\ 12 \overline{) 681} = 1 \\ 20 \overline{) 140} = 0 \\ 7 = 0 = 11 \end{array}$$

$$\begin{array}{r} £ \quad s \quad d \\ 100 = 19 = 6 \\ 20 \\ 2019 \\ 12 \\ \hline 24234 \\ 4 \\ \hline 496936 \\ 12 \overline{) 24234} = 0 \\ 20 \overline{) 2099} = 6 \\ 100 = 19 = 6 \end{array}$$

$$\begin{array}{r} £ \quad s \quad d \\ 0 = 19 = 4 3/4 \\ 20 \\ 19 \\ 12 \\ \hline 232 \\ 4 \\ \hline 4931 \\ 12 \overline{) 232} = 3 \\ 20 \overline{) 19} = 4 \\ 0 = 19 = 4 3/4 \end{array}$$

$$\begin{array}{r} £ \quad s \quad d \\ 17 = 17 = 4 1/4 \\ 20 \\ 357 \\ 12 \\ \hline 4288 \\ 4 \\ \hline 417157 \\ 12 \overline{) 4288} = 1/4 \\ 20 \overline{) 157} = 4 \\ 17 = 17 = 4 1/4 \text{ ans} \end{array}$$

$$\begin{array}{r} 4 \overline{) 187} \\ 12 \overline{) 46} = 3 \\ 3 = 10 = 3 \text{ ans} \end{array}$$

$$\begin{array}{r} 12 \overline{) 1301} \\ 20 \overline{) 108} = 5 \\ 5 = 8 = 5 \text{ ans} \end{array}$$

$$\begin{array}{r} 2 \overline{) 773} \\ 12 \overline{) 386} = 1 \\ 20 \overline{) 32} = 2 \\ 1 = 12 = 2 \text{ ans} \end{array}$$

$$\begin{array}{r} 20 \overline{) 257} \\ 12 \overline{) 25} = 19 \text{ ans} \\ 12 \overline{) 85} \\ 7 = 1 \text{ ans} \end{array}$$

In 15 lb tray how many grains

$$\begin{array}{r} 24 \\ 60 \\ \hline 30 \\ 300 \\ 20 \\ \hline 7200 \\ 12 \\ \hline 86400 \end{array}$$

Reduction Continued

How many ounces in 25749
 $\frac{25749}{287=9}$ ans

in 11=04 13 Dwt 13 grs how many grains

$$\begin{array}{r} 11=13=13 \\ 20 \\ 233 \\ 24 \\ 935 \\ 467 \\ \hline 5605 \text{ ans} \end{array}$$

In 19 tons 14 cwt 2 qrs 19 lb 11oz 13 Drs how many Drums

$$\begin{array}{r} 19=14=2=19=11=13 \\ 20 \\ 394 \\ 4 \\ 1578 \\ 28 \\ 12633 \\ 3157 \\ 44203 \\ 16 \\ 265219 \\ 44204 \\ 707259 \\ 16 \\ 4243557 \\ 707260 \\ \hline 11316157 \end{array}$$

this is the answer

How many cwt in 9563

$$\begin{array}{r} 28)9563(341 \\ 84 \\ \hline 116 \\ 112 \\ \hline 43 \\ 28 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 28)341 \\ 85=1=15 \text{ Ans} \end{array}$$

in 13 cwt 3 qrs 21 lb how many lbs

$$\begin{array}{r} 13=3=21 \\ 4 \\ 55 \\ 28 \\ 441 \\ 112 \\ \hline 1561 \text{ Ans} \end{array}$$

Reduction Continued

In 25 tuns of wine how many pints

$$\begin{array}{r}
 25 \\
 \times 4 \\
 \hline
 100 \\
 \times 63 \\
 \hline
 3000 \\
 6000 \\
 \hline
 6300 \\
 \times 4 \\
 \hline
 25200 \\
 \times 2 \\
 \hline
 50400 \text{ Ans}
 \end{array}$$

how many hogshead 4935 qts

$$\begin{array}{r}
 4) 4935 \text{ the } q \text{ qts} \\
 \underline{1233} = 3 \text{ } 19 = 36 = 3 \text{ ans} \\
 63 \\
 \times 603 \\
 \hline
 567 \\
 \times 36 \\
 \hline
 \end{array}$$

in 3 hhd's 13 gals 2 qts how many half pints

$$\begin{array}{r}
 3 = 13 = 2 \\
 63 \\
 \times 202 \\
 \hline
 4 \\
 \times 816 \\
 \hline
 4 \\
 \times 3240 \text{ Ans}
 \end{array}$$

in 158 yards how many nails

$$\begin{array}{r}
 158 \\
 \times 4 \\
 \hline
 632 \\
 \times 4 \\
 \hline
 2528 \text{ Ans}
 \end{array}$$

how many ell english in 5932 nails

$$\begin{array}{r}
 4) 5932 \\
 \underline{5148} \\
 296 = 3 \text{ Ans}
 \end{array}$$

in 29 miles how many inches

$$\begin{array}{r}
 29 \\
 \times 12 \\
 \hline
 58 \\
 \times 29 \\
 \hline
 348 \\
 \times 3 \\
 \hline
 1044 \\
 \times 56 \\
 \hline
 5220 \\
 522 \\
 \hline
 5742 \\
 \times 40 \\
 \hline
 229680 \\
 \times 8 \\
 \hline
 1837440 \text{ Ans}
 \end{array}$$

how many furlongs in 19753 yds

$$\begin{array}{r}
 229) 19753 \text{ for yds} \\
 \underline{1760} \text{ } 89 = 143 \text{ ans} \\
 2153 \\
 1980 \\
 \hline
 173
 \end{array}$$

Reduction. Continued

The length of a proposed aqueduct would be in one direction
8ms 2 fur 8 perches and in another 7ms 2 fur 20 perches required
the difference in yards

$$\begin{array}{r}
 8 \text{ } 40 \\
 8 \text{ } 2 = 8 \\
 7 \text{ } 2 = 20 \\
 \hline
 7 = 28 \\
 40 \\
 \hline
 308 \\
 5 \frac{1}{2} \\
 \hline
 1540 \\
 154 \\
 \hline
 1694 \text{ Ans}
 \end{array}$$

How many hours in 57 years allowing each year to be 365 days 6 hours

$$\begin{array}{r}
 57 \\
 24 \\
 \hline
 228 \\
 114 \\
 \hline
 1368 \frac{1}{2} \\
 365 = 6 \\
 \hline
 6846 \\
 8208 \\
 4107 \\
 \hline
 499626 \text{ Ans}
 \end{array}$$

in 57953 hours how many weeks

$$\begin{array}{r}
 24 \overline{) 57953} \\
 \underline{72414} \quad 17 \\
 344 = 6 = 17 \text{ Ans}
 \end{array}$$

in 41 acres 2 rods 14 perches how many rods

$$\begin{array}{r}
 41 = 2 = 14 \\
 4 \\
 \hline
 166 \\
 40 \\
 \hline
 6654 \text{ answer}
 \end{array}$$

how many square rods in 7752 square feet

$$\begin{array}{r}
 272 \frac{1}{4} \overline{) 7752} \\
 \underline{1089} \quad 31008 \quad \left(\begin{array}{l} \text{rod} \text{ feet} \\ 28 = 129 \end{array} \right) \\
 \underline{2178} \\
 9228 \\
 8712 \\
 \hline
 4516 \\
 \hline
 129
 \end{array}$$

Reduction Continued yet

in 5972 perches how many acres

$$\begin{array}{r} 5972 \\ 4 \overline{) 14912} \\ 3712 \end{array} \text{ ans}$$

in a pile of wood 96 feet long 5 feet high
and 4 feet wide how many cords

$$\begin{array}{r} 96 = 5 = 4 \\ 5 \\ 480 \\ 4 \\ 128 \overline{) 1920} \text{ ans } 15 \\ 128 \\ \hline 640 \\ 640 \\ \hline 0 \end{array}$$

In 82 tons of round timber how many inches

$$\begin{array}{r} 82 \\ 40 \\ \hline 3280 \\ 1728 \\ \hline 26240 \\ 656 \\ \hline 2296 \\ 328 \\ \hline 5667840 \text{ Ans} \end{array}$$

What will a grindstone weighing

375 lbs come to at \$14 per ton of 2000 lbs

$$\begin{array}{r} 375 \\ 14 \\ \hline 2000 \overline{) 5250} \\ 26250 \text{ cts } \\ \hline \$2-62\frac{1}{2} \text{ Ans} \end{array}$$

How much will a stone weighing 640 lbs come to at 14-50 per ton

$$\begin{array}{r} 640 \\ 14\frac{1}{2} \\ \hline 8960 \\ 320 \\ \hline 2000 \overline{) 9280} \\ 4640 \text{ cts } \\ \hline \$4-64 \end{array}$$

Reduction Continued yet

Change £523 to federal money

$$\begin{array}{r} 3) 523000 \\ 174333\frac{1}{3} \end{array} \quad 1743=33\frac{1}{3} \text{ Ans}$$

Change £54-18 to federal money

$$\begin{array}{r} 3) 54900 \\ 19966\frac{2}{3} \end{array} \text{ Ans}$$

Change £43-13 to federal money

$$\begin{array}{r} 3) 43650 \\ 14550 \end{array} \text{ Ans}$$

Change £21-18-4½ to federal money

$$\begin{array}{r} 3) 21419 \\ 7139\frac{2}{3} \end{array} \text{ Ans}$$

Change £117-16-2 to federal money

$$\begin{array}{r} 3) 117808 \\ 39269\frac{1}{3} \end{array} \text{ Ans}$$

Change £721-9-11¼ to federal money

$$\begin{array}{r} 3) 721497 \\ 240499 \end{array} \text{ Ans}$$

Change £29-11-2¼ to federal money

$$\begin{array}{r} 3) 29559 \\ 9853 \end{array} \text{ Ans}$$

Change 872 to new england currency

$$\begin{array}{r} 872 \\ 3 \\ \hline 26112 \end{array}$$

Change 1971-96½ cents to massachusetts currency

$$\begin{array}{r} 1971-96\frac{1}{2} \\ 3 \\ \hline 591590 \\ 20 \\ \hline 11800 \\ 12 \\ \hline 9600 \\ 4 \\ \hline 2400 \end{array}$$

$$591=11-9\frac{1}{2} \text{ Ans}$$

Continued yet until then

Reduce 1259 Dollars 89¢ 4 mils to Massachusetts currency

$$\begin{array}{r}
 1259-89=7 \\
 \underline{3779691} \\
 20 \\
 193820 \\
 \underline{12} \\
 45840 \\
 \underline{4} \\
 23360
 \end{array}$$

$$\begin{array}{r}
 \$ \\
 377-19=4\frac{1}{2} \text{ Dms}
 \end{array}$$

Change £461 to federal money

$$\begin{array}{r}
 4461000 \\
 \underline{115250} \text{ } \$ \text{ } \text{cts} \\
 1152=50
 \end{array}$$

Change £419-10-8¼ to federal money

$$\begin{array}{r}
 4419535 \\
 \underline{104883\frac{1}{4}} \text{ } \$ \text{ } \text{cts} \\
 1048=83\frac{1}{4}
 \end{array}$$

Change 1684 Dollars to new york and north carolina currency

$$\begin{array}{r}
 1684 \\
 \underline{4} \\
 673=12 \text{ Dms} \\
 \$ 1
 \end{array}$$

Change \$1048-83¼¢ to new york currency

$$\begin{array}{r}
 1048=83\frac{1}{4} \\
 \underline{4} \\
 419535 \\
 \underline{20} \\
 10700 \\
 \underline{12} \\
 8400 \\
 \underline{4} \\
 1600
 \end{array}$$

$$\begin{array}{r}
 \$ \\
 419=10=8\frac{1}{4}
 \end{array}$$

Reduction, Continued

Change \$471 to federal money

$$\begin{array}{r} 471 \\ 8 \\ \hline 3768 \\ 12568 \text{ Ans} \end{array}$$

Change \$480-19-9 to federal money

$$\begin{array}{r} 480-19-9 \\ 20 \\ \hline 9619 \\ 12 \\ \hline 97115437 \\ 128264 \\ \hline 128268\frac{3}{4} \text{ Ans} \end{array}$$

Change 1256 to pennsylvania

$$\begin{array}{r} \text{currency } 1256 \\ 3 \\ \hline 3768 \\ 471 \text{ Ans} \end{array}$$

Change 540 Dollars to carolina and

$$\begin{array}{r} \text{Georgia currency } 540 \\ 30 \\ \hline 3780 \\ 126 \text{ Ans } 126 \end{array}$$

Change 1282 Dollars 63 1/2 cts to pennsylvania currency

$$\begin{array}{r} 128263\frac{1}{2} \\ 90 \\ \hline 11543670 \\ 30 \\ \hline 1211543700 \\ 209619=9 \\ \hline 480-19=9 \\ 1 \text{ Ans} \end{array}$$

Change 48-14 3/4 to south carolina

$$\begin{array}{r} \text{currency } 48-14\frac{3}{4} \\ 36 \\ \hline 2884 \\ 24070 \\ 16 \\ \hline 12269600 \\ 20224=8 \\ \hline 114=8 \\ 1 \text{ Ans} \end{array}$$

Change \$28 to federal money

$$\begin{array}{r} 28 \\ 30 \\ \hline 7840 \\ 120 \text{ Ans } 120 \end{array}$$

Change \$36. canada currency

$$\begin{array}{r} \text{to federal money} \\ 36 \\ 4 \\ \hline 144 \end{array}$$

Change \$11-4-8 to federal money

$$\begin{array}{r} 11-4-8 \\ 20 \\ \hline 224 \\ 12 \\ \hline 269600 \\ 733700 \\ \hline 4814\frac{1}{4} \text{ Ans } 48=14\frac{1}{4} \end{array}$$

Change \$528-12-6 canada currency

$$\begin{array}{r} \text{to federal money} \\ 528-12-6 \text{ or there} \\ 20 \\ \hline 10572 \\ 12 \\ \hline 6012687000 \\ 211450 \text{ Ans } 211450 \end{array}$$

Answer \$2114-50

Reduction Continued

Change 144 to canada currency

$$\begin{array}{r} 4 \overline{) 144} \\ \underline{36} \text{ Cts} \end{array}$$

Change 2114 Dollars 50 cts to canada
 or novascotia currency

$$\begin{array}{r} 2114 = 50 \end{array}$$

$$\begin{array}{r} 60 \\ 12 \overline{) 12687000} \\ \underline{240} \\ 1057200 \\ \underline{2114} \\ 8528 = 12 = 6 \end{array}$$

Change 364 = 64 of the
 preceding currencies to
 federal money

$$\begin{array}{r} 364 = 64 \\ 3 \overline{) 364317} \\ \underline{1214} 39 \text{ ans to the 1} \\ 4 \overline{) 364317} \\ \underline{310} 79 \text{ ans to the 2} \end{array}$$

$$\begin{array}{r} 364, 6 = 4 \\ \underline{20} \\ 7286 \\ \underline{12} \\ 908743600 \\ \$97151 \text{ Cts. ans to the 3} \\ 50 \overline{) 8743600} \\ \underline{4371500} \\ \$156135 = 4 \text{ Cts. ans to the 4} \\ 60 \overline{) 8743600} \\ \underline{5246160} \\ \$145726 = 4 \text{ Cts.} \\ 54 \overline{) 8743600} (161918 \text{ Cts. to the 4} \\ \underline{864} \\ 103 \\ \underline{54} \\ 496 \\ \underline{486} \\ 100 \\ \underline{54} \\ 460 \\ \underline{432} \\ 28 \text{ Cts.} \end{array}$$

Compound Multiplication

Examples of money

$$\begin{array}{r} \$1 \text{ 2 d} \\ 191 = 17 = 8 \frac{1}{2} \\ \underline{2} \\ 383 = 15 = 5 \text{ ans} \\ \$2 \text{ 2 d} \end{array}$$

$$\begin{array}{r} \$1 \text{ 2 d} \\ 2 = 6 = 7 \frac{1}{2} \\ \underline{9} \\ 20 = 19 = 7 \frac{1}{2} \\ \$2 \text{ 5 d} \\ 104 = 18 = 1 \frac{1}{2} \\ \underline{7} \\ 734 = 6 = 7 \frac{1}{2} \\ \underline{16} \\ 8077 = 15 = 7 \frac{1}{2} \text{ Ans} \\ \$1 \text{ 2 d} \end{array}$$

$$\begin{array}{r} \$1 \text{ 2 d} \\ 913 = 11 = 9 \frac{3}{4} \\ \underline{5} \\ 4567 = 19 = 0 \frac{3}{4} \text{ ans} \\ \$1 \text{ 2 d} \end{array}$$

$$\begin{array}{r} 2 = 6 = 7 \frac{1}{2} \\ \underline{5} \\ 11 = 13 = 1 \frac{1}{2} \\ \underline{7} \\ 81 = 11 = 10 \frac{1}{2} \\ \underline{11} \\ 897 = 10 = 7 \frac{1}{2} \\ \underline{9} \\ 8077 = 15 = 7 \frac{1}{2} \text{ Ans} \\ \$1 \text{ 2 d} \end{array}$$

What will 7 yards of shalloon
 come to at 35 50 per yard

$$\begin{array}{r} 3 = 5 \\ 7 = 3 = 11 \text{ ans} \\ \$1 \text{ 2 d} \end{array}$$

Compound Multiplicati^{on}

$$\begin{array}{r} \text{\$ } 1 \text{ } 7 \text{ } 4 \\ 913 = 11 = 9\frac{3}{4} \\ \hline 4567 = 19 = 0\frac{3}{4} \\ \text{\$ } 1 \text{ } 7 \text{ } 4 \text{ Ans} \end{array}$$

$$\begin{array}{r} \text{\$ } 1 \text{ } 7 \text{ } 4 \\ 2 = 6 = 7\frac{1}{4} \\ \hline 11 = 13 = 1\frac{1}{2} \\ \hline 81 = 11 = 10\frac{1}{2} \\ \hline 897 = 10 = 7\frac{1}{2} \\ \hline 8077 = 15 = 7\frac{1}{2} \text{ ans} \\ \text{\$ } 1 \text{ } 7 \text{ } 4 \end{array}$$

What will 11 yards of shalloon
come to at 6-8 per yard

$$\begin{array}{r} 6 = 8 \\ 4 \\ \hline 1 = 6 = 8 \text{ ans} \end{array}$$

What will 5 yard cost at 5-9

$$\begin{array}{r} 5 = 9 \\ 5 \\ \hline 1 = 8 = 8 \end{array}$$

What will 7 yards cost at 19-6

$$\begin{array}{r} 19 = 6 \\ 7 \\ \hline 6 = 16 = 6 \end{array}$$

What will 14 yards cost at 9-5 $\frac{1}{2}$

$$\begin{array}{r} 9 = 5\frac{1}{2} \\ 2 \\ \hline 18 = 11 \\ 7 \\ \hline 26 = 12 = 5 \text{ ans} \end{array}$$

What is $\frac{1}{4}$ of a yard of cambric
worth at 12-6 per yd

$$\begin{array}{r} 12 = 6 \\ 3 \\ \hline 4 = 8\frac{1}{4} \end{array}$$

What is $\frac{1}{4}$ of a yard of broad cloth
worth at 35 per yard

$$\begin{array}{r} 35 \\ 4 \overline{) 105} \\ \underline{26} = 3 \end{array}$$

What is $\frac{1}{4}$ of a yard of fine
linen worth at 7-6 per yd

$$\begin{array}{r} 7 = 6 \\ 4 \overline{) 10} \\ \underline{1} = 10\frac{1}{2} \end{array}$$

Multiply 9-6-8 by $\frac{1}{8}$ or take

$$\begin{array}{r} 9 = 6 = 8 \\ 8 \\ \hline 963 = 6 = 8 \\ \hline 8 = 3 = 4 \end{array}$$

4568 yards at 7-1 $\frac{1}{4}$ per yd

$$\begin{array}{r} 4568 = 7 = 1\frac{1}{4} = 8 \\ 10 \\ \hline 3 = 11 = 5\frac{1}{2} = 6 \\ 10 \\ \hline 35 = 14 = 7 = 5 \\ 10 \\ \hline 354 = 5 = 10 \\ 4 \\ \hline 1429 = 3 = 4 \\ 178 = 12 = 11 \\ 21 = 8 = 9 \\ 2 = 17 = 2 \\ \hline 1632 = 2 = 2 \text{ ans} \end{array}$$

Compound Multiplication

4568 yd at 4 at 1 at 1/2 at 1/4

$$\begin{array}{r} 4568 \\ 7 \\ \hline 31976 \\ 380=8 \\ 190=4 \\ 95=2 \\ \hline 3264-2=2 \end{array}$$

$$\begin{array}{r} 14=9=14=17 \\ 5 \\ \hline 74=0=13=13 \end{array}$$

$$\begin{array}{r} 825=8=19=22 \\ 8 \\ \hline 6605=11=19=8 \end{array}$$

T cost per lb

$$19=17=3=25$$

$$\begin{array}{r} 9 \\ \hline 179=1=3=1 \text{ ans} \end{array}$$

cost per lb or Dr

$$17=1=14=11=14$$

$$\begin{array}{r} 7 \\ \hline 121=2=19=3=2 \text{ ans} \end{array}$$

T ~~the~~ gal

$$87=1=57$$

$$\begin{array}{r} 5 \\ \hline 437=1=33 \text{ Ans} \end{array}$$

T P ~~the~~ gal

$$28=1=1=62$$

$$\begin{array}{r} 7 \\ \hline 202=1=1=56 \end{array}$$

What is the weight of 48 casks of vice each weighing 24 1/2 grs 23 lbs

$$2=1=2$$

$$\begin{array}{r} 5 \\ \hline 12=1=3 \end{array}$$

$$\begin{array}{r} 9 \\ \hline 115=1=17 \end{array}$$

The = of x cation

Compound Division

$$\begin{array}{r} \text{\$ } s \text{ } d \\ 2) 19 = 14 = 9\frac{1}{2} \\ \underline{9 = 17 = 4\frac{3}{4}} \text{ Ans} \end{array}$$

$$\begin{array}{r} \text{\$ } s \text{ } d \\ 4) 2354 = 12 = 6 \\ \underline{9) 588 = 13 = 1\frac{1}{2}} \\ \underline{7) 65 = 8 = 1\frac{1}{2}} \\ \underline{5) 9 = 6 = 10\frac{1}{2}} \\ \underline{1 = 7 = 4\frac{1}{2}} \text{ Ans} \end{array}$$

$$\begin{array}{r} \text{\$ } s \text{ } d \\ 3) 900 = 11 = 9\frac{1}{4} \\ \underline{300 = 3 = 1\frac{1}{4}} \text{ Ans} \end{array}$$

$$\begin{array}{r} \text{\$ } s \text{ } d \\ 5) 2354 = 12 = 6 \\ \underline{7) 470 = 18 = 6} \\ \underline{7) 52 = 6 = 5\frac{1}{2}} \\ \underline{4) 7 = 9 = 5\frac{1}{2}} \\ \underline{1 = 17 = 4\frac{1}{2}} \text{ Ans} \end{array}$$

Divide £278 = 8 = 9 between 45 men equally

$$\begin{array}{r} \text{\$ } s \text{ } d \\ 5) 278 = 8 = 9 \\ \underline{9) 55 = 13 = 9} \\ \underline{6 = 3 = 9} \text{ Ans} \end{array}$$

If 108 yards cost £45 = 13 = 6 what is it per yard

$$\begin{array}{r} \text{\$ } s \text{ } d \\ 12) 45 = 13 = 6 \\ \underline{9) 3 = 16 = 1\frac{1}{2}} \\ \underline{0 = 8 = 5\frac{1}{2}} \text{ Ans} \end{array}$$

If 1000 gallons of molasses cost £209 = 7 = 6 how much is it per gallon

$$\begin{array}{r} \text{\$ } s \text{ } d \\ 10) 209 = 7 = 6 \\ \underline{10) 20 = 18 = 9} \\ \underline{10) 2 = 1 = 10\frac{1}{2}} \\ \underline{4 = 2\frac{1}{4}} \text{ Ans} \end{array}$$

Divide £46 = 1 = 11 by 37

$$\begin{array}{r} 37) 46 = 1 = 11 \text{ Ans} \\ \underline{37} \\ 9 \end{array}$$

$$\begin{array}{r} 20 \\ 37) 181 = 4\frac{1}{2} \\ \underline{148} \\ 33 \\ \underline{12} \end{array}$$

$$\begin{array}{r} 37) 407 = 11 \text{ Ans} \\ \underline{407} \end{array}$$

Divide £33 = 13 = 8 by 23 and 1 = 9 3/4

$$\begin{array}{r} 23) 33 = 13 = 8\frac{1}{4} \\ \underline{23} \\ 10 \end{array}$$

$$\begin{array}{r} 20 \\ 23) 213 = 9 \\ \underline{207} \\ 6 \end{array}$$

$$\begin{array}{r} 12 \\ 23) 80 = 3 \\ \underline{69} \\ 11 \end{array}$$

$$\begin{array}{r} 4 \\ 23) 46 = 2 \\ \underline{46} \end{array}$$

If 345 quintals of fish cost £409 = 13 = 9 how much is it per quintal

$$\begin{array}{r} 345) 409 = 13 = 9 \\ \underline{345} \\ 64 \end{array}$$

$$\begin{array}{r} 30 \\ 345) 1293 = 3 \\ \underline{1035} \\ 258 \end{array}$$

$$\begin{array}{r} 12 \\ 345) 3108 = 9 \\ \underline{3105} \\ 3 \end{array}$$

$$\text{Ans } 1 = 3 = 9$$

Compound Division *continued*

$\$4568$ yards of cloth cost 1632

$16=2$ how much is it per yard

$$4568 \overline{) 1632} = 16 = 2$$

$$\begin{array}{r} 20 \\ 32656 \overline{) 31976} \\ 680 \end{array}$$

$$\begin{array}{r} 12 \\ 8162 \overline{) 4568} \\ 3594 \end{array}$$

$$\begin{array}{r} 4 \\ 14376 \overline{) 13704} \\ 672 \end{array}$$

$$\begin{array}{r} 4 \\ 14376 \overline{) 13704} \\ 672 \end{array}$$

$$\begin{array}{r} 3 \\ 14376 \overline{) 13704} \\ 672 \end{array}$$

Divide $\$988 = 19 = 2$ equally between

100 men $\text{Ans } 7 = 17 = 9\frac{1}{2}$

$$100 \overline{) 988} = 19 = 2$$

$$\begin{array}{r} 20 \\ 1979 \overline{) 1988} \\ 12 \end{array}$$

$$\begin{array}{r} 950 \\ 4 \overline{) 1988} \\ 200 \end{array}$$

$$\begin{array}{r} 4 \\ 1979 \overline{) 1988} \\ 12 \end{array}$$

What is the commission on

$\$448 = 1 = 11\frac{3}{4}$ at 4 per cent

$$448 = 1 = 11\frac{3}{4}$$

$$100 \overline{) 1792} = 7 = 11$$

$$\begin{array}{r} 20 \\ 1849 \overline{) 1792} \\ 42 \end{array}$$

$$\begin{array}{r} 575 \\ 4 \overline{) 1792} \\ 300 \end{array}$$

$$\begin{array}{r} 4 \\ 1849 \overline{) 1792} \\ 42 \end{array}$$

What is the interest of

$\$147750$ for one year at 6 severally

by 100 per cent

$$147750 = 50$$

$$\begin{array}{r} 6 \\ 884190 \overline{) 884190} \\ 8841 \end{array}$$

$$\begin{array}{r} 8841 \\ 884190 \overline{) 884190} \\ 8841 \end{array}$$

$\$5$ out of iron cost $\$15 = 0$

how much is it per lb

$$5 \overline{) 15} = 0$$

$$4 \overline{) 15} = 0$$

$$4 \overline{) 0} = 8 = 9$$

$$4 \overline{) 0} = 2 = 2\frac{1}{4}$$

$$0 = 0 = 3\frac{3}{4}$$

$$\text{Ans } 0 = 0 = 3\frac{3}{4}$$

Single Rule of Three Direct

If 2 yards of cloth cost 4s what will 125 yards come to

ges. 2. ges.
2 :: 4 :: 125
4

$$\begin{array}{r} 2 \overline{) 500} \\ \underline{40} \\ 100 \\ \underline{80} \\ 20 \\ \underline{20} \\ 0 \end{array}$$

Ans $12 = 10$

When 891 gallons of oil cost £176-6-10½ how many gallons
may be bought for £13-10½

£ s d	gall	10 d
176 6 10½	:	891 :: 13-10½
20		665 12

$\$ 100$ $\$ 100$ $\$ 100$
 $= 10\%$ $196610\% : 891 : : 13-10\%$
 20 665 12
 $\underline{35265}$ $\underline{4455}$ $\underline{1669}$
 12 5346 4
 $\underline{423229}$ 5346 665 *fourthings*
 4 592515 39
 $\underline{1692904}$ 509870 1
 $\underline{\hspace{1cm}}$ 84645
 $\hspace{1.5cm}4$
 $169290 \overline{) 338580}$ 2 *ans $3\frac{1}{2}$ gallons*
 $\underline{338580}$

If 871 yards of cloth cost \$^{cts} 78, 39 what will 29 cost ^{gr}

871-7239-29
100
 7839
29
 70551
 15648
871 22738 / (2) 61
 1942
5313
 5226
871
871

Am \$ ct
2-61

Single Rule of Three Continued

to $\text{£ } 1\frac{1}{4}$ cost 42 ^{cts} what will $84\frac{1}{2}$ yards cost

$$\begin{array}{r} 1\frac{1}{4} - 42 - 84\frac{1}{2} \\ 4 \quad \quad 4 \\ \hline 7 \quad \quad 350 \\ \quad \quad 42 \\ \quad \quad \hline \quad \quad 500 \\ \quad \quad 1400 \end{array}$$

$$\begin{array}{r} 7 \overline{) 14700} \\ \underline{2100} \end{array} \text{Ans } 8 \text{ cts } 21=00$$

$\text{£ } 99\frac{1}{2}$ cost $\text{£ } 5, 5, 6\frac{1}{4}$ what will 5 cost

$$\begin{array}{r} 99\frac{1}{2} - 556\frac{1}{4} - 5 \\ 4 \quad 20 \quad 4 \\ \hline 3178 \quad 165 \quad 20 \\ \quad 12 \quad \quad \quad \\ \quad \hline \quad 1986 \\ \quad 4 \quad \quad \quad \\ \quad \hline \quad 7945 \\ \quad 20 \quad \quad \quad \\ \quad \hline \quad 3178 \end{array}$$

$$\begin{array}{r} 3178 \overline{) 158900} (4) 50 \\ \underline{15890} \quad 12122 \\ \quad \quad \quad 100 \end{array} \text{Ans } 1-0\frac{1}{2}$$

$\text{£ } 1\frac{1}{4}$ cost $1\frac{1}{4}$ how many yards can you buy for $\text{£ } 10-6-8$

$$\begin{array}{r} 6\frac{1}{4} - 1\frac{1}{4} - 10-6-8 \\ 4 \quad 4 \quad 20 \\ \hline 25 \quad 5 \quad 200 \\ \quad 12 \quad \quad \quad \\ \quad \hline \quad 2480 \\ \quad 5 \quad \quad \quad \end{array}$$

$$\begin{array}{r} 25 \overline{) 12400} (496 \\ \underline{100} \quad \quad \quad \\ \quad 240 \quad \quad \quad \\ \quad 225 \quad \quad \quad \\ \quad \hline \quad 150 \quad \quad \quad \\ \quad 150 \quad \quad \quad \\ \quad \hline \end{array}$$

Single Rule of three Direct continued yet

If 1 lb 19 3/4 ct what will 2-1-21 ^{cut as lbs} be Ans 48-45 3/4

$$\begin{array}{r}
 \text{lb} \quad \text{ct} \quad \text{cut as lbs} \\
 1-19\frac{3}{4}-2, 1, 21 \\
 \underline{4} \\
 9 \\
 \underline{28} \\
 273 \\
 19\frac{3}{4} \\
 \hline
 1911 \\
 273 \\
 \hline
 204\frac{3}{4} \\
 \hline
 4845\frac{3}{4}
 \end{array}$$

If 19 yards cost \$ 1 2 how many yards can you buy for ^{\$ 0 0} 142-5-6

$$\begin{array}{r}
 \$ 1 2 \text{ yds} \quad \$ 0 0 \\
 23=14=3-18-142=5=6 \\
 \underline{20} \\
 474 \\
 \underline{12} \\
 5691
 \end{array}$$

$$\begin{array}{r}
 \underline{20} \\
 2845 \\
 \underline{12} \\
 34146 \\
 \underline{19} \\
 307314 \\
 34146 \\
 \hline
 5691 \overline{) 648774} (114 \\
 \underline{5691} \\
 7967 \\
 \underline{5691} \\
 22764 \\
 22764
 \end{array}$$

Ans 114 yds

If 6, 8, 4 cost \$ 2 2 what will

40-1-4 cost

$$\begin{array}{r}
 \text{lb} \quad \text{oz} \quad \text{cut} \quad \text{lb} \quad \text{oz} \quad \text{cut} \\
 6, 8, 4-21, 6, 5-40, 1, 4 \\
 \underline{20} \\
 426 \\
 \underline{12} \\
 4115 \\
 \hline
 5115 \\
 426 \\
 \hline
 9624 \\
 5115 \\
 \hline
 47368 \\
 9624 \\
 \hline
 67364 \\
 9624 \\
 \hline
 48120 \\
 48120 \\
 \hline
 1604
 \end{array}$$

$$\begin{array}{r}
 1604 \overline{) 49246008} (30402 \\
 \underline{12812} \\
 11260 \\
 \underline{11260} \\
 3208 \\
 3208 \\
 \hline
 1208
 \end{array}$$

Ans \$ 128-18-6

Single Rule of three Direct continued yet un til i quit

If 7 cwt 3 qrs 15 lb cost £33, 2, 3 what will 1 qr 21 lb cost

cwt	qrs	lb	£	s	d
7	3	15	33	2	3
4	28		20		
31	49		662		
28			12		
253			7947		
63			49		
883			71523		
			31788		
883			389403		
			35324		
			3620		
			3532		
			883		
			883		

If 117 1/2 yards cost £24, 4, 8 1/4 how many yds can you buy for £14, 13, 10 1/2

£	s	d	£	s	d
24	4	8 1/4	117 1/2		
20			14	13	10 1/2
984			2833		
12			12		
5816			34006		
4			4		
23265			136026		
			117 1/2		
			952182		
			136026		
			136026		
			68013		
23265			15983055		
			139590		
			202405		
			186120		
			162855		
			162855		

Ans 687 yards

687

Single Rule of three Direct Continued yet

B ~~owes~~ owes \$ 2119, 17, 6 and he is worth but \$ 1324, 18, 5 1/2
If he delivers this to his creditors how much do they
receive on the pound Ans \$ 12 6

$$\begin{array}{r}
 \$ 2119, 17, 6 \\
 \underline{20} \\
 42397 \\
 \underline{12} \\
 508770
 \end{array}
 \qquad
 \begin{array}{r}
 \$ 1324, 18, 5 \frac{1}{2} \\
 \underline{20} \\
 26498 \\
 \underline{12} \\
 317981 \\
 \underline{9} \\
 1271925 \\
 \underline{240} \\
 50877000 \\
 \underline{2543850} \\
 508770 \overline{) 305262000} \\
 \underline{3052620} \quad (4) 60 \\
 \underline{12} 15=0 \\
 \underline{12} = 6
 \end{array}$$

How many crowns of 110 ct each will pay a Debt
of \$ 2, 16, 7 1/4 NE Ans 251 crowns

$$\begin{array}{r}
 110 - 1 - 52, 16, 7 \frac{1}{4} \\
 \underline{3) 82830} \\
 110 \overline{) 27610} \\
 \underline{251}
 \end{array}$$

If 203 tons 9 cwt 3 qrs 2 lbs of tarlford cost \$ 4558, 3, 0 what
does 1 ton cost Ans \$ 22-8-0

$$\begin{array}{r}
 \text{not ends } \$ 203, 9, 3, 0 \\
 \underline{20} \\
 4064 \\
 \underline{4} \\
 16279 \\
 \underline{28} \\
 130235 \\
 \underline{32358} \\
 455815
 \end{array}
 \qquad
 \begin{array}{r}
 \$ 4558, 3, 0 - 1 \\
 \underline{20} \\
 91163 \\
 \underline{2240} \\
 3646520 \\
 \underline{182326} \\
 182326 \\
 204205120 \quad (20) 448 \\
 \underline{1823260} \\
 2187912 \\
 \underline{1823260} \\
 3646520 \\
 \underline{3646520}
 \end{array}$$

Single Rule of three Direct. Continued yet

How many wt of rice may be bought for 487
50 cts when 4 lb cost 25 cts

Ans ^{wt in lbs} 121-3-14

$$\begin{array}{r} \text{cts} \quad \text{lb} \quad \$ \quad \text{cts} \\ 25 - 4 - 487.50 \\ \hline 100 \end{array}$$

$$\begin{array}{r} 487.50 \\ \hline 25 \overline{) 341250} \quad (28) 13650 \quad (4) 487 \\ \underline{25} \quad \underline{112} \quad \underline{121} \\ 91 \quad 245 \quad 121-3-14 \\ \underline{75} \quad \underline{224} \\ 162 \quad 210 \\ \underline{150} \quad \underline{196} \\ 125 \quad 14 \\ \underline{125} \end{array}$$

A captain of a ship is provided with 18000 lb of
bread for 150 seamen of which each man eats 4 lb
per week how long will it last them ^{Ans} 20 weeks

$$\begin{array}{r} 600 - 1 - 60 \overline{) 18000} \\ \underline{30} \end{array}$$

How long would 2295 lb of beef last for 45 seamen if
they get 1 lb each and that 3 times a week

$$\begin{array}{r} 135 - 2295 \\ \hline 135 \overline{) 2295} \quad (17) \\ \underline{135} \\ 945 \\ \underline{945} \end{array}$$

Single Rule of Three Direct continued Yet

Suppose 120 seamen are provided with 9200 gallons of water for a cruise of 4 months each month 30 Days how much is each mans share per Day

$$\begin{array}{r} 120 \overline{) 9200} - 1 \\ \underline{120} 60 \\ \underline{120} 240 \\ 2 \text{ Ans } 2 \text{ qrs} \end{array}$$

A ships company of 16 men is on an allowance of 6 ounces of bread per Day when meeting with a vessel from which they are supplied with 2 cwt of bread what addition will this make to their daily allowance if they suppose their voyage to last 28 Days

$$\begin{array}{r} 112 \\ 2 \\ 16 \overline{) 224} - 1 \\ \underline{16} 64 \\ \underline{16} 64 \end{array} \quad \begin{array}{r} 28 - 14 = 14 \\ 14 \\ 14 \\ 28 \overline{) 224} (6 \\ \underline{224} \end{array}$$

CHR

Single rule of Three Direct Continued yet

A person failing in trade owes viz to A \$ 818-75
 B \$ 3673-46 C \$ 1840-40 D \$ 117-41 and to E \$ 814-50 and his
 property is worth 4009-59³/₄ he gives up to his creditors
 how much does he pay on the Dollar and what is E's
 loss on receiving his dividend Answer he pays 55¹/₂ per

$$\begin{array}{r}
 \$ \text{ cts} \\
 818 = 75 \\
 3673 = 46 \\
 1840 = 40 \\
 117 = 41 \\
 814 = 50 \\
 \hline
 7224 \text{ } 50 \text{ --- } 4009-59\frac{3}{4} \text{ --- } 100 \\
 \quad \quad \quad 100 \\
 \quad \quad 400959\frac{3}{4} \\
 \quad \quad \quad 100 \\
 722450 \overline{) 400959\frac{3}{4}} \text{ (} 55\frac{1}{2} \text{)} \\
 \quad \underline{3612250} \\
 \quad \quad 3973475 \\
 \quad \quad \underline{3612250} \\
 \quad \quad \quad 361225 \\
 \quad \quad \quad \quad 10 \\
 722450 \overline{) 3612250} \text{ (} 5 \text{)} \\
 \quad \underline{3612250}
 \end{array}$$

$$\begin{array}{r}
 \$ \text{ cts} \\
 \text{E's loss is } 362 = 45\frac{1}{4} \\
 100 - 55\frac{1}{2} = 44\frac{1}{2} \\
 \quad \quad \quad 10 \\
 \quad \quad 4450 \\
 \quad \quad \quad 10 \\
 \quad \quad 44500 \\
 \quad \quad \quad 10 \\
 \quad \quad 445000 \\
 \quad \quad \quad 10 \\
 \quad \quad 4450000 \\
 10 \overline{) 452047500} \\
 100 \overline{) 45204750} \\
 \quad \underline{452047}
 \end{array}$$

$$\begin{array}{r}
 814 = 50 \\
 452 = 04\frac{1}{4} \\
 \hline
 362 = 45\frac{1}{4}
 \end{array}$$

$$\begin{array}{r}
 100 - 6 = 456,50 \\
 \quad \quad \quad 100 \\
 \quad \quad 45650 \\
 \quad \quad \quad 6 \\
 100 \overline{) 273900} \\
 \quad \underline{2739}
 \end{array}$$

Ans \$ 27-39

The Rule of Three Direct

$$\begin{array}{r} \$ \quad \$ \quad \$ \text{ ct} \\ 100 - 5 - 123,60 \\ \hline 100 \\ 12360 \\ \hline 5 \\ 100 \overline{) 61800} \\ 618 \\ \hline \end{array}$$

Ans \$ 6-18

$$\begin{array}{r} 100 - 2\frac{1}{2} - 268,40 \\ \hline 100 \\ 26840 \\ \hline 2\frac{1}{2} \\ 53680 \\ 13420 \\ \hline 100 \overline{) 67100} \\ 671 \\ \hline \end{array}$$

Ans \$ 6-71

$$\begin{array}{r} \$ \quad \$ \quad \$ \\ 100 - 17 - 190 \\ \hline 17 \\ 1330 \\ \hline 190 \\ 100 \overline{) 3230} \\ 3230 \\ \hline \end{array}$$

Ans \$ 32-30

$$\begin{array}{r} 100 - 25 - 94-80 \\ \hline 100 \\ 9480 \\ 25 \\ 47400 \\ 18960 \\ \hline 100 \overline{) 237000} \\ 2370 \\ \hline \end{array}$$

Ans \$ 23-70

$$\begin{array}{r} \$ \quad \$ \quad \$ \\ 100 - 5\frac{1}{8} - 760 \\ \hline 5 \\ 83800 \\ \hline 100 \overline{) 475} \\ 475 \\ \hline \end{array}$$

Ans \$ 4-75

$$\begin{array}{r} \text{lbs} \quad \$ \text{ ct} \quad \text{lbs} \\ 100 - 2,50 - 648 \\ \hline 100 \\ 250 \\ 250 \overline{) 32400} \\ 1296 \\ \hline 100 \overline{) 1620,00} \\ 1620 \\ \hline \end{array}$$

Ans \$ 16-20

$$\begin{array}{r} \text{lbs} \quad \$ \text{ ct} \\ 100 - 3,25 - 2744 \\ \hline 100 \\ 325 \\ 325 \overline{) 13720} \\ 5488 \\ 8232 \\ \hline 100 \overline{) 891800} \\ 8918 \\ \hline \end{array}$$

Ans \$ 89-18

$$\begin{array}{r} 100 - 3 - 579 \\ \hline 3 \\ 100 \overline{) 1737} \\ 1737 \\ \hline \end{array}$$

Ans \$ 17-37

$$\begin{array}{r} 100 - 6 - 96 \\ \hline 6 \\ 100 \overline{) 576} \\ 20 \\ 1520 \\ 112 \\ 240 \\ 1160 \\ \hline \end{array}$$

Ans \$ 5-15-24

$$\begin{array}{r} 100 - 5 - 87 \\ \hline 5 \\ 100 \overline{) 435} \\ 20 \\ 700 \\ \hline \end{array}$$

Ans \$ 4-7-0

Single, Rule of, Three, Direct

$$\begin{array}{r}
 100 - 2\frac{1}{2} - 75 \\
 \underline{26} \quad \underline{50} \\
 50 \overline{) 100} \quad 3750 \\
 \underline{100} \quad 3750 \\
 100 \overline{) 3750} \\
 \underline{100} \quad 17 = 6
 \end{array}$$

Ans 1 = 17 = 6

$$\begin{array}{r}
 \$ \quad \$ \quad \$ \\
 100 - 17 - 286 \\
 \underline{17} \\
 2002 \\
 \underline{286} \\
 1100 \overline{) 4862} \\
 \underline{20} \\
 1240 \\
 \underline{12} \\
 480 \\
 \underline{0}
 \end{array}$$

Ans 48 = 12 = 43

How much will 18 thousand 8 hundred and 36 casts of staves come to at \$12 per thousand Ans \$ 226-68

$$\begin{array}{r}
 1 - 12 - 18,836 \\
 \underline{10} \quad \underline{10} \\
 10 \quad 188 \\
 \underline{40} \quad \underline{40} \\
 400 \quad 7556 \\
 \underline{12} \\
 400 \overline{) 90672} \\
 \underline{226} \quad 68
 \end{array}$$

Also 13 thousand 3 hundred and 26 casts at \$ 40

$$\begin{array}{r}
 13,365 \\
 \underline{40} \\
 534,600
 \end{array}$$

$$\begin{array}{r}
 13,365 \\
 \underline{40} \\
 534,600
 \end{array}$$

Ans \$ 534-60

A charter party for a vessel of 186 tons commenced on the 28th of may and ended on the 10th of october following what does the hire amount to for that time at 2 dols per ton per month of 30 days

$$\begin{array}{r}
 186 \\
 \underline{30} \quad \underline{136} \\
 372 \quad 136 \\
 \underline{136} \\
 2232 \\
 \underline{1116} \\
 372 \\
 30 \overline{) 50592} \\
 \underline{1686} \quad 40
 \end{array}$$

Days

$$\begin{array}{r}
 30 \\
 \underline{4} \\
 30 \\
 \underline{31} \\
 31 \\
 \underline{30} \\
 10 \\
 136
 \end{array}$$

Ans \$ 1686-40

Inverse Proportion

If 100 workmen complete a piece of work in 12 Days
how many are sufficient to do it in 3 Days

$$\begin{array}{r} 12-100-3 \\ 12 \\ \hline 3 \overline{)1200} \\ 400 \end{array} \quad \text{Ans 400 men}$$

If 8 boarders drink a barrel of cider in 12 Days
how long would it last if 4 more came among them

$$\begin{array}{r} 8-12-12 \\ 8 \\ \hline 12 \overline{)96} \\ 8 \end{array} \quad \text{Ans 8 Days}$$

A ship's company of 15 persons is supposed to have
bread to last their ~~8~~ voyage allowing each 8^{oz} per
day when they picked up a crew of 5 persons in distress
to whom they are willing to communicate what will
the daily allowance of each person then be Ans 6 ounces

$$\begin{array}{r} 15-8-20 \\ 8 \\ \hline 20 \overline{)120} \\ 6 \end{array}$$

When wheat is sold at 93cts per bushel the penny
loaf weighs 12 ounces what must it weigh when
the wheat is 1 Dollar 24cts per bushel

$$\begin{array}{r} 93-12-124 \\ 12 \\ \hline 124 \overline{)1116} 9 \\ 1116 \end{array} \quad \text{Ans 9oz}$$

Inverse Proportion Continued

How many yards of baize 3 qrs wide will line a cloak which has in it 12 yds of ramblet half yd wide

$$\begin{array}{r} \frac{1}{2} - 12 - 3 \\ 3 \overline{) 24} \\ 8 \end{array} \quad \text{Ans } 8 \text{ yds}$$

Suppose 400 men in a garrison are provided with provisions for 30 days how many men must be sent out if they would have the provisions last 50 days

$$\begin{array}{r} 30 - 400 - 50 \\ 30 \overline{) 12000} \\ 240 \end{array} \quad \begin{array}{r} 400 \\ 240 \\ \hline 160 \end{array} \quad \text{Ans } 160 \text{ men}$$

What sum should be put to interest to gain as much in 1 month as 124 dollars would gain in 12 months

$$\begin{array}{r} 12 - 124 - 1 \\ 12 \overline{) 1524} \\ 1524 \end{array} \quad \text{Ans } 1524 \text{ Dollars}$$

If £100 in 12 months gain £5 how much will £400 gain in 3 months

$$\begin{array}{r} 100 - 12 - 5 \\ 400 \quad 3 \\ 3 \overline{) 1200} \\ 12 \quad 5 \\ 1200 \overline{) 6000} \\ 5 \text{ £} \end{array}$$

Compound Proportions

If 8 men make 24 rods of wall in 6 days how many men will build 18 rods in 3 days

$$\begin{array}{r} 8 \quad 6 \quad 24 \\ 3 \quad 18 \\ \hline 24 \quad 108 \\ 72 \overline{) 864} (12 \\ \underline{72} \\ 144 \\ \underline{144} \\ 0 \end{array}$$

Practice, By, C. H. Rogers

What will 4596 yards cost at 6 per yard

$$\begin{array}{r} 6 \frac{1}{2} \overline{) 4596} \\ 20 \overline{) 2298} \\ \underline{114} = 18 \end{array} \quad \text{Ans } \$ 114 = 18$$

What will 3746 yards cost at 4 per yard Ans \$ 50

$$\begin{array}{r} 4 \frac{1}{2} \overline{) 3746} \\ 20 \overline{) 1248} \\ \underline{628} = 8 \end{array} \quad \begin{array}{r} 2 \\ 12 \\ \hline 324 \end{array}$$

What will 1095 yards cost at 3 per yard

$$\begin{array}{r} 3 \frac{1}{2} \overline{) 1095} \\ 20 \overline{) 275} \\ \underline{15} = 15 = 9 \end{array}$$

Practice, Continued, By, C. H. R.

What will 4937 yards come to at 9 pence yard

$$\begin{array}{r|l} 6 \frac{1}{2} & 4938 \\ 3 \frac{1}{2} & 2468-6 \\ & 1234=3 \\ 20 & 3702=9 \\ & 185-2-9 \end{array}$$

What will 2765 yards cost at 8 per yard

$$\begin{array}{r} 4 \overline{) 2965} = 8 \\ \underline{32} \\ 921 = 8 \\ \underline{64} \\ 281 = 8 \\ \underline{24} \\ 43 \end{array}$$

Ans 184-3=4

What will 3159 yards cost at $\frac{1}{2}$ per yard

6	$\frac{1}{2}$	3159
	$\frac{1}{4}$	1579 = 6
		394 = 10 $\frac{1}{2}$
250		1974 = 4 $\frac{1}{2}$
		9874 = 4 $\frac{1}{2}$

Ans $98 = 14 - 4\frac{1}{2}$

What will 3762 yards cost at 4 per yard

6	$\frac{1}{2}$	3762
		1881
1	$\frac{1}{6}$	313 = 6
20		2194 = 6
		109 = 14 = 6

Ans $109-14=6$

Practice, Continue C. H. R.

What will 3159 yards cost at $7\frac{1}{2}$ per yard

$$\begin{array}{r} 7\frac{1}{2} \overline{) 3159} \\ 1579 = 6 \\ 395 = 10\frac{1}{2} \\ 1974 = 4\frac{1}{2} \\ 98 = 14 = 4\frac{1}{2} \end{array}$$

Ans $\$ 14 = 4\frac{1}{2}$

At 608 per yard what will 473 yards come to

$$\begin{array}{r} 608 \overline{) 473} \\ 157 = 13 = 4 \end{array}$$

What will 387 yards cost at 10 per yard

$$\begin{array}{r} 10 \overline{) 387} \\ 193 = 10 = 0 \end{array}$$

Ans $\$ 193 = 10$

What will 478 yards cost at 3 per yard

$$\begin{array}{r} 3 \overline{) 478} \\ 119 = 10 \end{array}$$

Ans $\$ 119 = 10$

What will 397 yards cost at $3\frac{1}{4}$ per yard

$$\begin{array}{r} 3\frac{1}{4} \overline{) 397} \\ 66 = 3 = 4 \end{array}$$

Ans $\$ 66 = 3 = 4$

R

Practice Continued yet by Charles H Rogers
 What cost 287 yards at 17⁶/₁₀ per yard

$$\begin{array}{r}
 10 \quad \frac{1}{2} \quad | \quad 287 \\
 5 \quad \frac{1}{2} \quad | \quad 143 = 10 \\
 2 \quad \frac{1}{2} \quad | \quad 71 = 15 \\
 \quad \quad \quad | \quad 35 = 19 = 6 \\
 \hline
 251 = 2 = 6 \\
 \$ \quad 1 \quad 9
 \end{array}$$

What cost 8192 yards at 15²/₁₀ per yard Ans \$ 6129

$$\begin{array}{r}
 10 \quad \frac{1}{2} \quad | \quad 8192 \\
 5 \quad \frac{1}{2} \quad | \quad 4086 \\
 \quad \quad \quad | \quad 2043 \\
 \hline
 6129
 \end{array}$$

What cost 3691 yards at 19¹/₁₀ per yard Ans 3506⁹/₁₀

$$\begin{array}{r}
 10 \quad \frac{1}{2} \quad | \quad 3691 \\
 5 \quad \frac{1}{2} \quad | \quad 1845 = 10 \\
 4 \quad \frac{1}{5} \quad | \quad 922 = 15 \\
 \quad \quad \quad | \quad 735 = 4 \\
 \hline
 3506 = 9
 \end{array}$$

What cost 4765 yards at 11⁸/₁₀ per yard Ans 2779¹¹/₁₀

$$\begin{array}{r}
 10 \quad \frac{1}{2} \quad | \quad 4765 \\
 14 \quad \frac{1}{4} \quad | \quad 2382 = 10 \\
 \quad \quad \quad | \quad 397 = 18 \\
 \hline
 2779 = 11 = 8
 \end{array}$$



A Journal Kept on Board the Columbus 1892
 Saturday
 July ^{2th} 6th

At 6 o'clock ^{A.M.} left Antucket Bar with
 the wind W. S. W. and moderate
 the light house on great point bore
 West 15 miles from which I take my
 departure first part of these 24 hours
 fresh winds and foggy middle and
 latter part light winds and foggy
 going at the rate of $8\frac{1}{2}$ knot
 so ends these 24 hours all well

Latitude By Obs $40=5$

Sunday
 the
 7th

Begins these 24 hours light winds
 and calm middle part thick fog
 latter part the same saw nothing
 that promises so ends all well

Monday
 the
 8th

Begins these 24 hours with light
 winds and foggy middle part
 much the same latter part
 a fresh breeze and rain
 steering E. S. E.

Tuesday
 the
 9th

Begins these 24 hours fresh winds
 and rain middle part the same
 latter part saw a sail of the lee
 caught fresh winds from S. W. by W.
 except the fore and main topsails
 steering S. E. Latitude $40=12$

Remarks On Board July 10th 1832

Wednesday

Begins these 24 hours fresh winds
Steering E. S. E. mid. S. part
the same latter part Close. Dreefe
the topsails Latitude

Thursday
the
11th

Begins these 24 hours fresh winds
took in the fore and mizen topsails
mid. S. part much the same
latter part fresh winds lost the
bough boat of the cranes but got
her again Latitude 39-4

Friday
the
12th

Begins these ²⁴ hours fresh winds
and squally mid. S. and
latter part the same so ends
all well

Saturday
the
13th

Begins these 24 hours fresh winds
and squally mid. S. and latter
part the same So ends all well

Sunday
the
14th

Begins these 24 hours first part fresh
winds and squally mid. S. part much
the same latter part more moderate
So ends all well

Monday
the
15th

Begins these 24 hours light winds
and pleasant. shook out the reefs and set
the topgallant sails mid. S. part
the same one man fell out the main
riggin but not hurt him bad all
hands imployed setting up the
riggin latter part the same

Remarks On Board S. Columbus

Tuesday
the
16th

Begins these 24 hours first
part fresh winds Spoke the ship
Rhode from harbor bound to
New York middel part the same
latter part the wind bore round
to W, S, W, So ends all well
Latitude 39-28 Long 43

Wednesday
the
17th

Begins the first part of these 24
hours first part fine winds
middel and latter part the
Same

Thursday
the
18th

Begins these 24 hours first part
light winds saw a whole of black
fish board and got too middel
part moderate latter part the
same


Friday
the
19th

Begins these 24 hours first part
fine breeze all sail set middel
and latter part the same
Latitude 39-7


Saturday
the
20th

Begins these 24 hours first
part light winds and fair
weather middel and latter
part the same Latitude 39-7

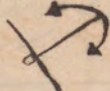
Remarks On Board Ship Columbus

Sunday
the
21th 

Begins these 24 hours first
part fresh winds mixed
part saw the land latter
part let go the anchor in 10 fathoms
in small harbour

Monday
th
22th 

Begins these 24 hours first part
one boats crew on shore mixed
part all hands im placed on
ships duty latter part the
same

Tuesday
th
23th 

Begins these 24 hours first
part im placed taking in
provisions middle part the
same ~~at~~ at 6 o'clock got under way
and stood out to sea in company
with the Japan

~~Friday~~
~~the~~
~~24th~~
Wednesday
the
24th

Begins these 24 hours first part
light winds and fine weather
in company with the Japan
mixed and latter part the
same

Thursday
th
25th

Begins these 24 hours first
part light winds and fine
weather mixed and latter
part the same

Latitude 36-8

Remarks On Board Ship Columbus

Friday
th
26th

Begins these 24 hours first
part light winds and fair
weather in company with
the Japan middle and
latter part the same

Latitude 34-36

Saturday
th
27th

Begins these 24 hours first
part light winds and
fair weather in company
with the Japan middle
and latter part the same

Sunday
th
28th

Begins these 24 hours first
part light winds and
fair weather in company
with the Japan middle
and latter part the same

Monday
th
29th

Begins these 24 hours first
part light winds middle
and latter part the same

Tuesday
th
30th

Begins these 24 hours first
part light winds in
company with the Japan
middle and latter part
the same

Remarks On Board the Columbus

Wednesday
th
31st

begins these 24 hours first
part light winds and
pleasant in evening
with the Japan wind
and latter part the same

Thursday
August
th
1st

begins these 24 hours first
part light winds and
pleasant wind and latter
part the same

Friday
th
2nd

begins these 24 hours first
part light winds wind
and latter part the same

Latitude 19-56 N

Saturday
th
3rd

begins these 24 hours first
part light winds and
pleasant wind and
latter part the same

Sunday
th
4th

begins these 24 hours first
part light winds and pleasant
Spoke the barque reliance
of London wind part moderate
latter part the same

A Charles H Rogers
Ranched Staff

Remarks On Board the fine S Columbus
 Monday
 the 5th
 begins these 24 hours first
 part spoke the Ship
 General Jackson of Bristol
 middle and latter part
 moderate in running
 with the Japan

Tuesday
 the 6th
 begins these 24 hours first
 part light winds
 middle and latter part
 the same

Wednesday
 the 7th
 begins these 24 hours first
 part light winds and
 pleasant middle and
 latter part the same

Thursday
 the 8th
 begins these 24 hours
 first part light winds
 and calm middle and
 latter part the same

Friday
 the 9th
 begins these 24 hours first
 part calm middle
 and latter part the
 same Lat by Obs 11.4

Remarks On Board the S. Columbus

Saturday
the
10th

begins these 24 hours first part
light winds and squally middle
and latter part the same

Left by Obs 10-32

Sunday
the
11th

begins these 24 hours first
part light winds and three
sail of the lee bough middle
part light winds and pleasant
latter part the same in
company with the Japan

Left by Obs 9-54

Monday
the
12th

begins these 24 hours first part
light winds and fair weather
middle part the same bent
a new main sail latter part
light winds

Left by Obs 9-4

Tuesday
the
13th

begins these 24 hours first part
fresh winds took in the top
galest sails and reefed the fore
and main topsails middle
and latter part the same

Remarks On board the S Columbus
Wednesday
th 14th
begins these 24 hours first
part strong winds mixed
part the same latter part
moderate shook out the reefs
Left by Obs 6-21

Thursday
th 15th
begins these 24 hours first
part strong winds and
squally mixed part
the same latter part much
the same

Friday
th 16th
begins these 24 hours first
part strong winds and
squally mixed and latter
part the same

Saturday
th 17th
begins these 24 hours first
part strong winds mixed
part the same latter part
Spoke the ship Senor on from
Liverpool bound to the ile of
France

Remarks On Board The S. Columbus

Sunday th 18 th	begins these 24 hours first light winds middle and latter part the same
Monday th 19 th	begins these 24 hours first light winds and squally middle and latter part the same Lat by Obs 2-56
Tuesday th 20 th	begins these 24 hours first part light winds middle and latter part the same
Wednesday th 21 th	begins these 24 hours first part light winds middle and latter part the same in comparison with the Japan
Thursday th 22 th	begins these 24 hours first part light winds all hands employed filling salt water middle part the same latter part light winds and pleasant Lat by Obs 1-46
Friday th 23 th	begins these 24 hours first part light winds and pleasant middle and latter part the same

Remarks On Board The Ship Columbus

Saturday
th
24th

begins these 24 hours first part
light winds middle and latter
part the same

Left by Obs 1-17 S

Sunday
th
25th

begins these 24 hours first part
strong winds and pleasant middle
and latter part the same in
company with the Japan

Monday
th
26th

begins these 24 hours first
part light winds all hands
to work moving the round
house middle and latter
part the same

Left by Obs 3-27

Tuesday
th
27th

begins these 24 hours first
part light winds all hands
to work on the round house
middle part the same.
latter part strong winds
and squally

Wednesday
th
28th

begins these 24 hours first
part strong winds and squally
middle and latter part the
same in company with the Japan
Left by Obs 8-59

Remarks On Board the S Columbus

Thursday the 29 th	begins these 24 hours first part light winds and squally mixed and latter part the same
Friday the 30 th	begins these 24 hours first part light winds and squally mixed part saw whales but did not get any latter part squally
Saturday the 31 th	begins these 24 hours first part light winds and squally mixed and latter part the same
Sunday September the 1 th	begins these 24 hours first part calm and squally mixed and latter part the same Lat by Obs 10-17
Monday the 2 th	begins these 24 hours first part light winds and squally mixed and latter part the same in company with the Lapar

Remarks On Board the S. Columbus

Tuesday
th
3th

begins these 24 hours first
part light winds and squally
middle and latter part the
same

Wednesday
th
4th

begins these 24 hours first part
light winds and squally middle
and latter part much the same

Thursday
th
5th

begins these 24 hours first part
light winds and cloud middle
and latter part the same

Friday
th
6th

begins these 24 hours first
part light winds and pleasant
middle part bent the new
main top sail latter part
light winds

Saturday
th
7th

begins these 24 hours first
part bent the new foresail
middle and latter part
light winds and squally

Sunday
th
8th

begins these 24 hours first part
light winds and pleasant
middle part the same latter
part cloudy in company
with the Japan company

Monday
th
9th

begins these 24 hours first
part strong winds and squally
middle and latter part the
same parted ~~with~~ from the Japan
Left by Obs 25-14

Remarks On Board The Ship Columbus

Tuesday
th
10th

begins these 24 hours first
part strong winds and equally
mild and latter part the
same. Left by Ob 28-19

Wednesday
th
11th

begins these 24 hours first part
strong winds and equally mild
part much the same latter
part strong winds took in the
standing sails and top galant sails
and ^{two} pulled reefed the topsails
So ends thus

Thursday
th
12th

begins these 24 hours first part
strong winds and equally under
Double reef top sails mild
and latter part the same so end
these 24 hours

Friday
th
13th

begins these 24 hours first part
more moderate throughout the reef
mild part set the top
galant sails latter part the
same So ends these 24 hours
Left by Ob 31-41

Saturday
th
14th

begins these 24 hours first part
light winds and pleasant mild
~~the~~ part calm latter part
light winds set the standing sails
So ends these 24 hours
Left by Ob 31-30

Remarks On Board S. Colm

Sunday
the
15th

begins these 24 hours first part
light winds with all sail out
middle part strong winds and
squally latter part the same
took in the studding sails and
top galeant sails and Subbed reef
the topsails So ends these 24 hours
Leath by Obs 32-54

Monday
th
16th

begins these 24 hours first part
strong winds and squally took
in the mizen topsail middle
part strong winds and squally
latter part the same
Leath by DR 35-9

Tuesday
th
17th

begins these 24 hours first
part strong winds and squally
middle and latter part the
same Leath by Obs 35-14

Wednesday
th
18th

Sept.

begins these 24 hours first
part strong winds and
squally at 8 o'clock Subbed
reef the topsails middle
part strong winds latter
part more moderate shook out
the reefs and set the fore and
main top galeant sails
Leath by Obs 35-47

Remarks On Board The S. Columbus

Thursday
the
19th

begins these 24 hours first part strong winds and squally from S by E steering E S E middle part strong winds at 12 A M shook a reef out the fore topsail latter part fresh winds from the N at 8 P M set the fore topmast standing sail steering E S E so ends these 24 hours

Latitude by Obs 35-47

Friday
the
20th

begins these 24 hours first part strong winds and squally from the N middle part strong winds and squally latter part strong winds at 7 P M took in the fore topmast standing sail at 8 P M took in the topgallant sails and pulled reefed the fore and main topsails so ends these 24 hours steering E S E

Latitude by Obs 36-46

Friday
the
21st

begins these 24 hours first part strong winds and squally from the N at 2 A M set the fore and main topgallant sails at 3 A M shook a reef out of the fore and main topsails and set the mizzen topgallant sail at 4 A M shook a reef out of the mizzen topsail at 5 A M set the fore topmast standing sail at 8 A M saw 3 right whales at 9 A M got up the old rigging out of the fore hole middle part light winds from the N latter part strong winds and pleasant

Latitude 37-29

Longitude 6-46

Remarks On Board the Ship Columbus ^{Sanctus}

Sunday
the
22th

begins these 24 hours first part strong winds from the N steering E S E mid Del part the same latter part strong winds at 5 P M took in the fore topmast standing sail and the fore and mizzen topgallant sails and hove out the spanker and altered her course to E by S at 8 P M took in the main topgallant sail and doubled reef the fore and main topsails and took one reef in the mizzen topsail and loosed the mainsail so ends these 24 hours Lat^d 36-47 Long 11-53

Monday
the
23th

begins these 24 hours first part fresh winds steering E by S at 6 A M shook a reef out of the fore and main top sails mid Del part strong winds latter part the same at 7 P M altered her course to E S E so ends these 24 hours Lat^d 36-14 Long 15-47

Tuesday
the
24th

begins these 24 hours first part strong winds and squally at 4 A M doubled reef the fore main and mizzen top sails and furled the mainsail the slings to the main yard parted. we hove her on the wire at 6 A M saw a sail of the harbore been mid Del part strong winds at 10 A M saw the cape of good hope latter part strong winds at 1 P M up her of E S E at 2 P M shook 1 reef out of the main top sail and set the main topgallant sail at 4 P M saw a sail standing off from the land so ends these 24 hours Lat^d 35

Long 18-28

Remarks On Board The Ship Columbus

Wednesday
the
25th

begins these 24 hours first part strong winds steering S at 3 A M took in the main top gallant sail and doubled reefed the main topsail and cop of S P B at 6 A M set the spanker mainsail and Lib winded part strong winds at 10 A M shook a reef out of the main top sail at 12 A M shook a reef out of the fore topsail and set the main top gallant sail latter part light winds at 8 P M braced round the yards at 11 P M took in the main top gallant sail and the fore and mizen top sails and the main sail and Lib so ends these 24 hours

Lat 36-12 Long 20-14

Thursday
the
26th

begins these 24 hours first part strong gale from the East ward at 1 A M reefed the foresail and sent down the fore and mizen top gallant yards middle part blowing a gale from the east ward at 4 P M sent down the main top gallant yard latter part more moderate at 10 P M tacked to the E and loosed the fore and mizen top sails so ends these 24 hours

Lat 34 Long 19-30

Friday
the
27th

begins these 24 hours first part light winds at 2 shook a reef out of the fore main and mizen top sails and set the Lib and spanker at 6 A M shook a reef out of the fore and main top sails at steering S P B and a sail a stern at 10 P M shook a reef out of the fore and main top sails and set the fore top mast standing sail middle part strong winds latter part much the same at 5 P M saw a sail of the starboard hough at 7 P M took in the standing sail and reefed the fore top sail at 10 P M reefed the main at 12 P M reefed the mizen steering S P B so ends these 24 hours

Lat 35-49

Remarks On Board The Ship Columbus of Sandusket

Saturday
the
28th

begins these 24 hours first part strong winds
steering C I E at 10 AM shook reef out of the fore
and main top sails middle part strong winds
steering C I E at 2 shook reef out of the fore
top sail and set the fore top must standing sail
and sent up the main top gallant yard latter
part light winds at 12 PM took in the standing
sail so ends these 24 hours. Lat 37-58

Long 25-12

Sunday
the
29th

begins these 24 hours first part light winds
middle part light winds at 2 PM spoke the
ship easily labor ^{opt} sailing from Canton bound
to batavia and canton latter part strong winds
took in the main top gallant sail so ends these
24 hours. Lat 37-25 Long 27-36

Monday
the
30th

begins these 24 hours first part strong winds
took in the mizen topsail and tumbled reef the
fore and main middle part the same latter part
took in the fore top sail and reef the foresail so ends
these 24 hours

Tuesday
the
31st

begins these 24 hours first part more moderate
set the fore and mizen top sails and the main
top gallant sail middle part the same latter
part strong winds took in the main top
gallant sail and mizen topsails and closed
reef the fore and main so ends these 24 hours

Lat 36-35 Long 27-50

Remarks On Board The Ship Columbus October

<p>Wednesday the 2th</p>	<p>begins these 24 hours first part strong winds from W by N steering E at 5 A M shook a reef out of the fore and main topsails middest part the same latter part more moderate at 4 P M altered her course to E N E at 8 P M shook a reef out of the main top sail and set the main top gallant sail at 10 P M set the mizen top sail mainsail sparker and Tib so ends these 24 hours steering E N E Lat by Obs 35-41 Lat by Dr 35-32 Long by Obs 33- Long by Dr 33-22</p>
<p>Thursday the 3th</p>	<p>begins these 24 hours first part light winds at 9 A M sent up the fore top gallant yard middest part light winds latter part strong winds and lightning at 8 P M took in the fore and main top gallant sails and dabbled reef of the top sails at 10 P M took in the mainsail and Tib so ends these 24 hours steering E N E Lat by Dr 34-23 Long by Obs 35-49 Lat by Obs 34-25</p>
<p>Friday the 4th</p>	<p>begins these 24 hours first part light winds at 10 A M set the fore and main top gallant sails and shook the reefs out middest part light winds latter part the same so ends these 24 hours steering E N E Lat by Obs 33-00 Long by Dr 37-30 Lat by Obs 33-00</p>
<p>Saturday the 5th</p>	<p>begins these 24 hours first part light winds middest and latter part the same so ends these 24 hours Lat by Obs 31-24 Lat by Dr 31-20 Long by Dr 39-02</p>

12 = 10 12 0 12 0 12 0 12 0

Remarks On Board The Ship Columbus October ^{the} 14

Sunday

begins there 24 hours first part light winds
middle part much the same at 2 P M spoke the brig
sacalea from the Ile of France bound to London
latter part strong wind at 8 P M took in the fore
and main top gallant sails at 9 P M took in the
main top gallant sail and tumbled down the topmasts
at 10 P M a heavy squall of thunder and light ning
wind and rain struck us a back split the fore and
fore topmast staysail to pieces and washed off the
waist ~~the~~ and larboard quarter boat and some poles
and plank of the stern but we saved the west
boat so ends these 24 hours all well

Left by Ps 30-39 Left by Jr 20-32.

Long by Dr 39 = 54

Monday
the
7th

begins these 24 hours first part light winds
set the topsails and topgallant sails and 1st part
much the same latter part strong winds took in
the topgallant sails and doubled reefed the topsails
20 ends these 24 hours Length by Ob. 829 = 17

Lang by Jr 41-04

Trinity
8th

begins these 24 hours first part strong winds
shook & reef out of the topsails and set the main
top gallant sail middle part much the same
latter part light winds at 10 P.M. took in
the main top gallant sail and Sub. 12 reefed
the top sails on the account of bar &

So every there 24 hours Lett by Obs 26=23

Lat by 26-21

Lang 41=04



Remarks On Board The Ship Columbus

Wednesday
the
9th

begins these 24 hours first part light winds
and pleasant middle part much the same
at 2 P.M. shook a reef out of the fore and main
topails and set the fore and main topgallant
sail latter part the same so ends these 24 hours

Lat by Ob 24-19 Lat by Dr 24-33

Long by Ob 42-6 Long by Dr 42-07

Thursday
the
10th

begins these 24 hours first part light winds
and pleasant middle part the same latter
part calmer so ends these 24 hours

Lat by Ob 23-10 Long by Ob 41-6

Friday
the
11th



begins these 24 hours first part
light winds we saw the land at 2 P.M.
let go the anchor in company with
the Papian the Pacific had been heard 2 days

Saturday
the
12th



these 24 hours got of 1 raft of warior
and got 1 bullock so ends these 24
hours laying in wait & Augustin
bay

Sunday
the
13th

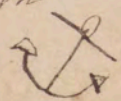


these 24 hours getting of warior
and trading with the natives

Monday
the
14th

these 24 hours getting of wood and sheep

Tuesday
the
15th



these 24 hours getting of wood and buying
sheep and turpin

Remarks On Board Ship Columbus 1832

Wednesday
the
16th

these 24 hours getting of wood and
buying sheep and timber

Thursday
the
17th

these 24 hours getting of wood

Friday
the
18th

these 24 hours getting of wood

Saturday
the
19th

begins these 24 hours first part light
winds at 8 AM got under way
and stood out to sea in company with
the Papan and Pacific mid del part
strong winds latter part the same
took in the fore and midgen top gallant
sail so ends these 24 hours

Sunday
the
20th

February the 12th 1833 in Latd 14-30
Long 52-00
begins these 24 hours first part
light winds and pleasant at
5 AM there were two or three
men in the run a starting some figure
with a light which caught the
run in the pump a fire which
made some to stir on deck mid del
part light winds and pleasant
latter part the same

Latd by Obs 13-56
Long 54-55

Remarks On Board the Columbus 1839

Monday
the
13th

begins these 24 hours first part
light winds and pleasant at 2 P M
and too sails of the sea bough and
one of the weather bough at 6 P M
have a back for the one to windward
but did not speak her latter part
light winds at 12 M made the
island of western of the Lard's Burn
ends all well Lat 13-32

Tuesday
the
14th

begins these 24 hours first part light
winds and calm at 4 P M required
the yards and hoisted up the fore and
main sail and fished the fore and
mizen top gallantails at 9 P M and
a fine back midday part light winds
latter part the same at 11 M saw
a school of whales about the 1st and second
mate got the mate fastened and drawn
Lat 13-00

Wednesday
the
15th

at 2 P M got the whales along side
and cut them in and at 11 P M began
to try out midday and latter part the same
in sight of the land ends these 24 hours
Lat 12-46

Thursday
the
16th

begins these 24 hours first part
light winds and rainey to work
trying out at 6 P M took in the main
top gallantail and doubled reef the
fore topsail and took one reef in the
main and mizen topsails took in the
spanker and Lib. at 8 P M doubled reef
the main top sail at 4 P M finished trying
out and took 9 and took in Lat 12-46

Remarks On Board The S Columbus

Sunday the 17th

begins these 24 hours first part strong winds at 1 P M saw breaches of the lee beam at 5 P M wore round and stood of middle part strong winds at 5 O C M tacked and stood in at 6 O C M saw 4 sails to windward latter part strong winds Lat 13-00

Monday the 18th

begins these 24 hours first more moderate at 1 P M shook a reef out of the fore and main top sails at 2 P M tacked and stood of middle part the same at 4 O C M tacked and stood in at 6 O C M shook a reef out of the top sails and set the top gallant sails at 8 O C M began to brake out the main hatch way for water so ends thus Lat 13-42

Tuesday the 19th

begins these 24 hours first part light winds at 4 P M finished stowing down and mid a findack at 7 P M took in the top gallant sails and girded the main sail at 9 P M tacked and stood of at 4 O C M tacked and stood in at 6 O C M set the main sail and main top gallant sail at 8 O C M sent down the main top gallant mast and yard so ends these 24 hours

Lat 12-42

Remarks On Board The S. Columbus

Monday
the
20th

begins these 24 hours first part
light winds at 2 P.M. put a reef on
the main top mast and at 4 P.M.
sent up the main topgallant mast
and yard and ran the land at 6 P.M.
fired the main rail and doubled reefed
the top sails and hoisted up the spanker
and fore sail and hoisted down the Jib
at 4 P.M. reef her of west and at
10 P.M. set up the ~~main~~ fore stay so ends
nothing in sight but land and firbushes
Lat 12-32

Tuesday
21th

begins these 24 hours first part
strong winds running west at
5 P.M. took in the main top
gallant rail Jib and spanker
doubled reefed the top sails at 6 P.M.
braced up the yards and stood off at
4 P.M. tacked and stood in and at
P.M. set the Jib and spanker at 11 P.M.
shook a reef out of the fore and main
top rail Lat 11-56

Friday
22th

begins these 24 hours first part
strong winds at 1 P.M. tacked and
stood off midel part the same
at 4 P.M. tacked and stood in
latter part strong winds so ends
these 24 hours Lat by Obs 12-12.

Remarks On Board Ship Columbus

Saturday
the
23th

begins these 24 hours first part strong winds at 3 P M board the star board boat for blackfish but did not get away at 4 P M tacked and stood of middle part light winds at 4 A M tacked and stood in at 6 A M put the oil down the main hatch way so ends these 24 hours Lat^t 11=42

Sunday
24th

begins these 24 hours first part strong winds at 4 P M tacked and stood of middle part light winds at 8 A M shook the reefs out of the topsails and set the main sail and main topgallant sail latter part light winds at 9 A M saw a shoal of hump backs so ends

Lat^t By Obs 12=30

Monday
25th

begins these 24 hours first part strong winds at 7 P M took in the main topgallant sail at 12 P M tacked and stood to the southward at 5 A M set the main topgallant sail at 7 A M tacked and stood to the southward so ends these 24 hours

Lat^t by Obs 12=00

Remarks On Board Ship Columbus

Tuesday
26th

begins these 24 hours first part strong
winds at 8 2 P M and the land on
the coast of arabia at 3 P M took in
the main topgallent sail and tacked
and stood off at 2 O M reefed the
topsails at 6 O M tacked and stood in
Latt by Ob 12-48

Wednesday
27th

begins these 24 hours first part strong
winds at 1 P M shook a reef out of the
main topsail and set the main topgallent
sail middel part light winds at 11 P M
tacked and stood off at 5 O M tacked and
stood in Latt by Ob 13-21

Thursday
28th

begins these 24 hours first part light
wind middel part the same at 4 O M
tacked and stood to the northward latter
part light winds at 6 O M shook a reef
out of the fore and mizen topsails and
set the fore and mizen topgallent sails
and tacked and stood to the northward
these 24 hours Latt by Ob 13-33
Long by Ob 51-00

Friday
march
the
1th

begins these 24 hours first part light
winds at 12 P M tacked and stood to the
southward middel part light winds at
4 O M tacked and stood to the northward
latter part light winds ends these 24
hours Latt by Ob 13-33

Remark On Board The Ship Columbus

Saturday
2th

begins these 24 hours first part light winds at 3 P M tacked and stood to the northward midcal part light winds latter part the same at 9 A M tacked and stood to the northward so ends these 24 hours

Leav by Obs 13=47

Sunday
3th

begins these 24 hours first part light winds at 3 P M tacked and stood to the northward and eastward midcal and latter part light winds so ends these 24 hours Leav by Obs 13=56

Monday
4th

begins these 24 hours first part light winds at 4 P M saw two ships of the lee beam and kept of for them and at 9 P M spoke the franklin of nantucket ^{abt} with the 400 barrels and the gorge of cartmouth ^{abt} with 600 barrels at 7 A M hord and chased whales in cumpiny with the gorge and franklin but did not get any at 11 A M hord again and our second mate got one so ends these 24 hours

Tuesday 5th

begins these 24 hours first part light winds at 8 P M cut in the whale in cumpiny with the gorge and franklin and a english ship in sight midcal part light winds at 6 A M saw a shoal of whales to wind ward but did not loar at 8 A M tacked and stood to the southward in cumpin with the gorge and franklin Leav by Obs 14=49

Remarks On Board The Ship Columbus

Monday
6th

begins these 24 hours first part
light winds at 3 P M hoard
for black fish but did not get any
midel and latter part strong winds
at 6 A M begun to try out and
at 10 A M took in the fore and
mizen topgallent sail and at 11 A M
took in the main topgallent sail
and finished trying out with the
gorge and franklin of the lee beam
so ends these 24 hours Leat by Obs 17-28

Tuesday
7th

begins these 24 hours first part
strong winds at 5 P M tacked and
stood to the northward and eastward
midel and latter part strong
winds at 6 A M set the main top
gallent sail so ends these 24 hours the
gorge and franklin of the lee beam
Leat by Obs 13-39

Friday
8th

begins these 24 hours first part
light winds at 8 P M holed up the
mainsail and took in the spanker
main topgallent trail and at 10 P M took
in the foresaid midel and latter part
light winds and calm so ends these 24
hours with the gorge and franklin
of our lee Leat by Obs 14-06

Remarks On Board The Ship Columbus ^{8th}

Saturday

begins these 24 hours first part light winds and calm at 6 P.M. the ^{apt} of the gorge and franklin came on board middle and latter part light winds and calm at 11 A.M. ^{apt} rufel went on board the franklin so ends these 24 hours

Lat by Obs 14-12

Sunday
10th

begins these 24 hours first part light winds and calm at 10 P.M. hauled up the courses and took in the main topgallant sail steered S.E. winds at 6 A.M. middle part the same latter part wind as above kept her of S.E. gorge and franklin in company so ends thus

Lat by Obs 14-24

Monday
11th

first part light winds and calm at 6 P.M. took in the main topgallant sail and hauled up the fore and mainsail steering S.W. by W winds S.E. middle part winds as above at 6 A.M. set the main and main topgallant sails and courses and kept her of S.E. latter part light winds steering S.E. so ends these 24 hours Lat by Obs 14-39

Tuesday
12th

first part light winds and calm at 10 P.M. took in the main and main topgallant sail steering S.E. winds W.S.W. at 4 A.M. tacked and stood to the southward and 6 A.M. tacked and stood to the northward set the main and main topgallant sails spanker and mainsail latter part strong winds so ends these 24 hours

Lat by Obs 15-03

Remarks On Board The Ship Columbus
Wednesday
13th
first part strong winds at 1 P M
took in the mizen topgallent sail
tacked and stood to the southward winds
I & middle and latter part strong winds
at 6 A M saw a shoal of whales loosed
for there so ends these 24 hours

Thursday
14th
first part got 4 whales the cpt got 2
mate 2 second mate 2 third mate 1 at
4 P M got them a long side and began to
cut in middle part strong winds at
4 A M finished cutting in latter part
strong winds so ends these 24 hours

Friday
15th
first part strong winds and squally
at 1 P M began to try out to ships
in sight of the lee bough middle and
latter part strong winds at 6 A M
tacked and stood to the northward
so ends these 24 hours

Saturday
16th
first part light winds at 4 P M
saw a shoal of whales loosed and the
second mate got 1 at 5 P M got him
along side middle part light winds
at 10 A M cut him in latter part
light winds to work trying out

Sunday
17th
first part strong winds to work
trying out middle part as above
latter part strong winds at 6 A M
finished trying out so ends these 24 hours

Remarks On Board Ship Columbus

Monday
18th

first part light winds at 12 P M
tacked and stood to the southward at 4
A M began to brake out and reefed the
fore and mizen topsails at 8 reefed the main
top sail and began to stow down latter
part light winds so ends

Latitude by Obs 14-20

Tuesday
19th

first part light winds at 6 P M
finished stowing down middle part
light winds at 8 P M shook a reef
out of the fore and main topsails
latter part light winds at 10 A M
tacked ship so ends Latitude by Obs 15-03

Wednesday
20th

first part light winds at 2 P M
set the top gallentails at 4 P M
on bent the mizen topsails and
bent a nother middle and latter
part strong winds and equally so
ends these 24 hours

Latitude by Obs 15-21

Thursday
21th

first part strong winds and equally
at 8 P M took in the top gallent
sails and doubled reefed the topsails
at 10 shook a reef out of the fore and
main topsails middle part strong
winds and equally at 2 A M shook
a reef out of the main topsails and set
the fore and main top gallentails
at 10 A M shook a reef out of the fore
and mizen top sails and set the mizen
top gallentail so ends these 24 hours.

Latitude 14-24

Remarks On Board The S Columbus

Friday
22th

first part light winds at 10 P M
took in the topgallent sails mid
and latter part light winds at
6 A M set the main topgallent
sail so ends these 24 hours

Lat by Obs 13-47

Saturday
23th

first part strong winds and
squally at 1 P M tacked at 4 took
in the main topgallent sail
at 6 double reefed the topsails and
fired the main sail Lib and spanker
at 8 closed reefed the topsails at 5
A M shook a reef out of the topsails
and set the main sail Lib and spanker
so ends these 24 hours

Lat by Obs 13-22

Sunday
24th

first part strong winds at 4 P M tacked
and stood to the northward at 10 took in the
mainsail at 4 A M set the main sail at 10
tacked and stood to the southward so ends these 24
hours

Latitude by Observation 13-03

Monday
25th

first part strong winds at 2
P M squared the yards and hauled
of S W at 3 light stood to the
northward and set the mainsail
midel part light winds at 6 A M
tacked to the southward and set the
main sail Lib and spanker at 8 shook
a reef out of the fore and main topsail
and set the main topgallent sail latter
part light winds set the main top
gallent sail Lat by Obs 12-55

Remarks On Board The S Columbus

Tuesday
26th

first part strong winds at 4 P M
lufft up south at 6 took in the
main sail spanker and Gib and
Dubbled reefed the fore and main
topsails and tacked to the northward
at 4 A M tacked to the southward
and holed up the fore sail at
6 set the Gib spanker and mainsail
and shook a reef out of the fore and
main topsails at 12 A M set the
main topgallentail so ends these
24 hours in sight of Sacotra

Latd by Obs 12-39

Wednesday
27th

first part strong winds at
2 tacked at 8 P M ~~tacked~~ took
in the main sail Gib and spanker
at 12 P M holed up the fore sail
at 6 A M wore ship and set the
fore sail main sail Gib and spanker
at 8 shook a reef out of the mains
topsail so ends these 24 hours

Latd by Obs 13-40

Thursday
28th

first part strong winds at 4 P M
and bent the main topgallentail sail
and bent another at 6 tacked
at 2 A M Dubbled reefed the main
top sail at 6 shook the reefs out of
the fore and main topsails and set the
main topgallentail so ends these
24 hours Latd by Obs 14-04

Remarks On Board The S Columbus

Friday
29th

first part light winds at 2 P M.
hep her of W S W at 6 fired the
mainsail steering S W at 4 A M.
hoisted a back the main yard at
6 wore round to the northward and shook
a reef out of the mizen top sail
and set the fore and mizen top gallant
sails mainsail Tib and spanker 20
ends there 24 hours Lat by Obs 14-14
Long by Obs 51-38

Saturday
30th

first part light winds at 6 A M
on bent the fore top gallant sail
and mended it middle and latter
part light winds 20 ends there 24 hours
Lat by Obs 13-43

Sunday
31th

first part light winds and calm
middle and latter part the
same Lat by Obs 13-45

Monday
April 1th

first part light winds and calm
middle and latter part the same
at 10 A M on bent the main
top sail and bent another 20 ends
there 24 hours Latitude By
Observation 14-08

Charles H. Rogers Purveyor
Board Ship Columbus on a whaling voyage
voiced to the indian ocean red sea and thence
and from thence to the trustees

Tuesday
2th

first part light winds mid the part
the same at 8 A.M. saw a whale
of whales of the weather bough
we. load and the cpt
and third mate got one roe in there
24 hours

Wednesday
3th

first part calm at 1 P.M. got
the whales a long side at 2 began
to cut in at 4 finished cutting in
at 10 P.M. began to try out
latter part light winds roe in there
24 hours

Thursday
4th

first part light winds middle and
latter part the same at 5 A.M.
finished trying out Load by Obs
13=42

Friday
5th

first part light winds middle
part as above at 8 A.M. began
to stow down ~~the~~ latter part
light winds

Saturday
6th

first part light winds at 4 P.M.
finished stowing down middle and
latter part the same

Load by Obs 13=45

Sunday
7th

first part light winds middle and
latter part light winds and calm

Load by Obs 14=12

Remarks On Board The S. Columbus April 8

Monday first part light winds and calm steering S W middle and latter part light winds at Latd by Obs 14-05

Tuesday 9th first part light winds at 2 P M kept her off W middle and latter part calm Latd by Obs 13-39

Wednesday 10th first part light winds and calm middle and latter part as above Latd by Observation 13-57

Thursday 11th first part light winds and calm middle and latter part the same Latd by Obs 13-38

Friday 12th first part light winds and calm middle and latter part the same at 4 P M made the island of Mexico Latd by Obs 13-12

Saturday 13th first part light winds at 4 P M tacked middle part strong winds at 2 A M hoisted the main yard aback at 6 braced ~~for~~ forward the main yard at 10 tacked and stood in so ends thus Latd by Obs 13-05

Remarks On Board The S Columbus

Sunday
14th

first part strong winds middle
and latter part the same so ends these
24 hours Lat by Obs 13-00

Long by Obs 52-00

Monday
15th

first part light winds at 8
P M tacked middle part light
winds at 12 tacked at 4 P M tacked
and stood in latter part strong winds
at 6 saw the land ahead so ends these
24 hours Lat by Obs 12-47

Long by Obs 52-48

Tuesday
16th

first part light winds and
calm middle and latter part
the same so ends these 24 hours

Lat by Obs 13-18

Long by Obs 52-51

Wednesday
17th

first part light winds and
calm middle and latter part
the same Lat by Obs 13-48

Thursday
18th

first part light winds middle
part the same at latter part
strong winds Lat by Obs 13-14

Friday
19th

first part light winds at 4 P M
saw a shoal of whales load
and got 6 the 1st the mate 1 the
second mate 1 and the third mate
middle part strong winds latter
part the same at 6 P M saw
some whales load the waste
and bough boat and the second
mate got 1 Lat by Obs 13-47

Remarks On Board Ship Columbus

Saturday
20th

first part light winds at 7^o A.M.
got the whales along side at 11^o A.M.
saw a shoal of whales loosed the
larbord waste and bough boat
and they all three fastened the mate
got 2 the second mate 2 the
third mate 1 so ends there 24 hours

Left by Ob 13-14

Sunday
21st

first part light winds at 6^o A.M.
got the whales along side and
cut in 1 at 8^o A.M. began to cut
in the others at 12^o A.M. finished
so ends there

Monday
22nd

first part light winds middle
part the same at 8^o A.M. saw
a shoal of whales loosed the larbord
and waste boat and the second
mate got 1 at 10^o got him along
side and began to cut in at 12^o
A.M. finished so ends there 24
hours Left by Ob 13-42

Tuesday
23rd

first part light winds to work
trying out middle and latter part
the same so ends there 24 hours

Left by Ob 13-12

Wednesday
24th

first part strong winds at 4^o
A.M. saw the land and finished
trying out and began to stow
down middle and latter part
to work stowing down so ends there
24 hours

Thursday
25th

first part strong winds to work
stowing down middle part the same
at 7^o A.M. saw a shoal of whales and
at 8^o finished stowing down and
loosed the larbord waste and bough boat
the mate got 1 at 10^o got him along side
and cut him in so ends

Remarks On Board S Columbus

Friday
26th

first part strong winds
began to try out middle
part the same at 9 A.M.
finished trying out at 12 A.M.
saw a shoal of whales lored
the starboard waste and bough
boat and fastened then lored
the starboard boat the mate got 1
the second mate 2 the third mate 1
and the chf boatsteerer got 1
so ends these 24 hours

Saturday
27th

first part strong winds at
6 P.M. got the whales along
side and cut one in at 7 A.M.
began to cut in the others at 11
finished cutting in at 12 A.M.
began to try out so ends these
24 hours

Sunday
28th

first part strong winds to work
trying out middle and latter
part the same so ends these 24 hours

Monday
29th

first part strong winds to work
trying out middle part the
same at 4 A.M. finished trying
out so ends these 24 hours

Tuesday
30th

first part strong winds middle
part the same at 9 A.M. began
to brake out to stow down at
12 A.M. finished stowing down
so ends these 24 hours

Lath by Obs 13-42

Wednesday
may
1st

first part light winds middle
part the same at 9 A.M. shook
the reefs out of the top ribs and
set the top gallant sails so ends
these 24 hours to work setting up
pipes & shooks Lath 13-46

Remarks	On Board Ship Columbus
Thursday 2 th	first part light winds middle and latter part the same so ends these 24 hours Lat 13-12
Friday 3 th	first part strong winds middle and latter part the same so ends these 24 hours
Saturday 4	first part light winds at 2 P.M. shook a reef out of the top sails and set the topgallent sails at 4 spoke the a brig from Bombay bound to mocha at 6 took in the topgallent sails and reefed the main top sail middle part light winds at 11 A.M. shook a reef out of the main top sail and set the topgallent sails so ends these 24 hours
Sunday 5 th	first part light winds standing off and on on the coast of Africa so ends these 24 hours
Monday 6 th Burn boat brings things to sell.	these 24 hours standing off and on at 8 A.M. saw a burn boat standing to the westward so ends these 24 hours Lat 12-09
Tuesday 7 th Carrying pilgrims to Mecca	these 24 hours standing off and on saw nothing but low boats so ends these 24 hours Lat 12-08
Wednesday 8 th	these 24 hours standing off and on saw nothing but low boats Lat by Obs 12-05
Thursday 9 th	these 24 hours standing off and on at 4 A.M. stood to East ward at 10 made the isle of host Lat 12-13

Friday
8th
10

these 24 hours standing of and
on at rocotia roends these 24 hours
Lat 12 by Obs 12-34

Saturday
11th

these 24 hours standing of and
on at rocotia roends these 24 hours

Sunday
12th

these 24 hours running down
rocotia roends these 24 hours
bent the cables
Lat 12-40

Monday
13th

first part light winds and
calm latter part the same
at 6 AM saw a shoal of whales
loosed at 8 the cpt fastened and
saved him at 11 got him along
side roends these 24 hours

Lat 12-41

Tuesday
14th

first part these 24 hours light
winds and calm at 2 PM finished
cutting in at 4 began to try
out at 10 AM finished trying
out roends these 24 hours

Lat by Obs 12-50

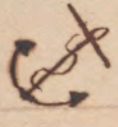
Wednesday
15th

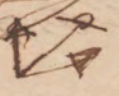
these 24 hours light winds
and calm roends these 24 hours
Lat 12-51 Long 54-00 E


Thursday
16th

these 24 hours first part light
winds at 10 AM came to anchor
in tamaratta bay at the ile
of rocotia at 4 PM got off
casks of warter and got some sheep
roends these 24 hours

Remarks On Board Ship Columbus

Friday 17th  These 24 hours at 9 A.M. went on shore after water at 11 got some sheep and a bullock at 2 P.M. got of 22 casks of water so ends these 24 hours

Saturday 18th  These 24 hours calm bought a fine sheep so ends these 24 hours

Sunday 19th  These 24 hours light winds at 12 A.M. took our anchor and stood out to sea so ends Thus

Monday 20th These 24 hours strong winds at 2 A.M. took in the top gallant sails at 10 closed reefed the top sails so ends these 24 hours
Left by Obs 11-43

Tuesday 21st These 24 hours strong winds from the S.W. under closed reefed topsails and gornail at 4 P.M. looked for whales but did not get any
Left by Obs 10-00

Wednesday 22nd These 24 hours strong winds under closed reefed topsails at 10 A.M. sent down the top gallant yards so ends these 24 hours Left by 9-52

Thursday 23rd These 24 hours strong winds under closed reefed topsails
Left by Obs 8-05

Remarks On Board Ship Columbus

Friday
24th

these 24 hours strong winds
under closed reefed topmasts
Latt by Obs 7-42

Saturday
25th

these 24 hours strong winds
at 10 A.M. shook a reef out of
fore and main topmasts so ends
these 24 hours Latt by Obs 7-02

Sunday
26th

these 24 hours strong winds
middle part the same at
6 A.M. rot the fore and spanker
so ends these 24 hours

Latt by Obs 5-51

Monday
27th

these 24 hours more moderate
middle and latter part the same
at 10 A.M. shook the reefs out
of the topmasts so ends these
24 hours Latt by Obs 3-41

Long 62-00 East

Tuesday
28th

these 24 hours light winds
at 2 P.M. sent up the
main topgallent yard
and rot the top gallent rail
Latt by Obs 2-42

Wednesday
29th

these 24 hours light trades
middle part the same at
6 A.M. saw whales but did not
~~lower~~ so ends these 24 hours

Latt by Obs 1-47

Remarks On Board S. Columbus

Thursday
the 30th
these 24 hours light winds
at 2 P M saw some whales
lowed but did not get any
middle and latter part
light winds Lat 1-26

Friday
31st
these 24 hours light winds
middle and latter part
the same Lat 1-20

Saturday
June 1st
First part light airs from
the S E star'd S W all sail
out middle and latter part
the same in ployed painting
the ship Lat by Obs 1-19 N
Long by Chron 66-24 E

Sunday
the 2nd
first part light airs
middle & latter part the same
Lat by Obs 1-20

Monday
the 3rd
first part light airs and
calm middle part the same
at 6 A M on bent the fore
topsail to mend so in these
24 hours Lat by Obs 1-25

Tuesday
the 4th
first part light winds
to work mending the fore topsail
at 4 P M bent the fore topsail
middle and latter part the same
at 5 A M broke out the fore
hole Lat by Obs 1-28

Remarks On Board Ship Columbus

<p>Wednesday th 5</p>	<p>first part light winds started the sails out of the carks in to the fore hole middle and latter part light winds Lat 11 by Obs 1-28</p>
<p>Thursday th 6</p>	<p>first part light winds middle and latter part the same Lat 11 by Obs 1-33</p>
<p>Friday June 7th</p>	<p>First part brisk winds from the Southward steered ESE & SE middle part the same latter part light breezes at 6 AM tacked ship to the WSW all hands employed breaking out the after hole overhauling & coopers provision. So End Lat 11 by Obs 1-39 with Long by Chron 66.29</p>
<p>Saturday June 8th</p>	<p>First part light breezes from the Southward steered SE with all sail out at 2 PM stowed down the after hole and worked at the deck middle part light breezes at 8 PM had a squall of rain from the southward at 9 took in the main top gallant sail and hoisted up the main sail and spanker at 10 hoisted up the fore sail and reefed the mizzen top sail and tacked to the westward latter part brisk winds from the southward at 2 at 6 sat the main sail and spanker at 6 shook the reef out of the mizzen top sail and sat the main top gallant sail Lat 11 by Obs 1-31</p>

Remarks On Board Ship Columbus

Sunday
June 9th

first part strong winds from the
southward steered S W by W middle
part light winds and cloudy
at 11 AM heard a signal from
Cape of S S C took
in the main topgallant sail
fore top sail fore mid main sail
mizzen top sail spanker and Jib
and closed reefed the main top sail
latter part light winds from
the southwardward at 3 PM
set the fore sail at 6 made all
sail steering S S C Lat 11-11

Monday
June 10th

first part light airs from the
southwardward steering S S C all
sail out middle part light winds
and cloudy at 4 PM stacked
hauling S winds S E by E at 4
clocks down the fore and main
top sails and double reefed them
took in the main sail mizzen
top sail spanker Jib and hoisted up
the fore sail at 11 PM she came
up S S W made all sail latter
part light winds from the southward
ward steering S W by S Lat 11-59

Tuesday
June 11th

first part light winds from the
southwardward steered S W by S with
and latter part light airs from the
ward steered W by S all sail out
Lat 11-50 miles

Remarks On Board Ship Columbus June 1833

Wednesday
June 12th

first part light winds got one
blackfish at 9 A M took in
the main topgallent sail Jib
and holed up the spanker and
doubled reefed the topsails middle part
light winds at 2 o'clock made
all sail steering S by E
latter part light winds steering
S E by S Lat by Obs 23 miles north

Thursday
June 13th

first part light winds all sail
out steering S E by S middle
part light winds and cloudy at
8 A M on bent the main topsail
and bent a nother latter part
light winds from the S E steered
S S W the hands imployed mending
the main topsail Lat by Obs 27 miles north

Friday
June 14th

first part light winds from the
S E steered S S W hands imployed
mending the main topsail
middle and latter part light
winds steering S S W hands imployed
mending the main topsail
Lat by Obs 10 miles north

Saturday
June 15th

first part light winds from
the S E steered S S W
hands imployed mending the
main topsail at 4 P M finished
it and unbent the other and
bent it middle and latter part
light winds steered S S W all
sail out Lat by Obs 56 miles north

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<p>Remarks</p> <p>Sunday June 16th</p>	<p>first part light winds and ^{light} steer I all sail out middle part the same latter part light winds from the S E steer I all sail out Lat 1-12 south</p>
<p>Monday June 17th</p>	<p>first part light winds steer I all sail out middle and latter parts the same Lat by Obs 2-12</p>
<p>Tuesday June 18th</p>	<p>first part light winds from the S E steer I all sail out middle part and latter part strong S E trades steer I all sail out Lat Obs 3-42</p>
<p>Wednesday June 19th</p>	<p>first part strong trades steer I all sail out middle and latter part the same Lat Obs 5-12</p>
<p>Thursday June 20th</p>	<p>first part light trades steer I all sail out middle part the same at 1 o'clock one man died a native of the Sandwich islands latter part strong winds at 4 o'clock hoisted the main yard a back and buried the man Lat by Obs 6-23</p>
<p>Friday June 21st</p>	<p>first part strong S E trades and squally middle and latter part the same Lat by Obs 7-46</p>
	<p>Charles W. Rogers & Nantucket</p>

Remarks On Board Ship Columbus

Saturday

June 22th

first part light trades and
squally at 4 P M cap here
of West middle and latter
part the same Lat 48-51

Sunday

June 23th

first part strong trades and
squally at 6 P M hove a
back and sounded no bottom
light to head S W at 8
doubled reefed the topsails at 10
took in the Jib and spanker
and main sail middle part
squally at 6 P M set the mai
n sail Jib and spanker heading
S ~~at 10 P M~~ latter
part strong winds Lat 46

Monday

24th

June

first part strong trades
and squally under doubled
reef topsails middle and latter
part the same Lat 40-24

Tuesday June

25th

first part strong trades and
squally middle and latter
part the same under
doubled reefed topsails
Lat 40-31

Wednesday

June 26th

first part strong winds
middle and latter part the
same steering S Lat 40-12-18

Thursday

June 27th

first part light strong
trades middle and latter
part the same Lat 44-30

Remarks on Board Ship Columbus

Friday June 28th
first part light breezes
middle and latter part the
same at 6 o'clock made all sail
at 8 and bent the spanker
to mend steering S W
Lat 15-54

Saturday June 29th
first part light winds
at 1 P M bent the main
top gallent sail to mend
middle and latter part light
winds at 5 P M bent the
main top gallent sail and
spanker Lat 16-18

Sunday June 30th
first part strong winds and
squally at 4 P M took in the
top sails took in the
Lib and spanker middle and
latter part strong winds
at 12 P M shook dreef out
of the top sails and set the
spanker and Lib Lat 16-40

Monday July 1st
first part strong winds from
the southward middle and latter
part the same Lat 17-34

Tuesday July 2nd
first part light winds from
the S and Westward steering W
at 2 o'clock set the main top
gallent sail middle and latter
part the same at 11 o'clock spoke
a brig from tamarave bound to
the isle of burbon Lat 18-14

Remarks On Board Ship Columbus	
Wednesday July 3 rd	first part strong winds steering W by E middle part the same latter part strong winds but at 6 ^{PM} made the land at 8 bent the cables Lat 04 18-04
Thursday July 4 th	first part strong winds at 6 AM anchored in foul point harbour in 5 fathoms at 10 AM sent down the fore and main topgallant masts is ends
Friday July 5 th	first part one boatscrew on shore the rest employed setting up rigging at 8 AM got a draft ready to go on shore at 2 PM got a draft of water
Saturday July 6 th	these 24 hours employed getting of water
Sunday July 7 th	these 24 hours employed getting of water
Monday July 8 th	at 2 PM got 1 bullock at 4 PM got a draft of water
Tuesday July 9 th	these 24 hours getting of water

Remarks On Board of Columbus

Wednesday
July 10th

these 24 hours getting of
water and food

Thursday
July 11th

these 24 hours one watch
watch a shore on liberty
the rest imployed setting
up rigging

Friday
July 12th

these 24 hours one watch
ashore the rest getting of
wood

Saturday
July 13th

these 24 hours one watch
ashore the rest imployed
getting of wood

Sunday
July 14th
1833

first of these 24 hours begins with
strong trade with squalls of rain
middle part the same
latter part one watch on
shore

Monday
July 15th
1833

first part light wind
and equally middle part
the same latter part the
~~same~~ one watch on shore

Tuesday
July 16th

first part strong wind
and rarer middle part the
same latter part one
watch on shore

24
 Remarks On Board Columbus
 Wednesday
 July 17th first part light winds
 middle part the same
 latter part one boat on
 shore

Thursday
 July 18th first part light winds
 and cloudy middle part
 the same latter part one
 boats on shore

Friday
 July 19th first part light winds
 and cloudy middle part the
 same latter part at 8 o'clock
 got under way and stood
 out to sea and on bent
 the hump cable
 S.D.

Saturday
 July 20th first part light winds
 and squally middle and
 latter part the same on bent
 the chase so on. Lat 14-42

Sunday
 July 21st first part light winds
 bent the new fore and main
 topsails middle and latter
 part the light winds and
 calm Lat by Obs. 12-06
 South

Monday
 July 22nd first part light winds
 from the S.E. steering S and
 S by W middle and latter
 part the same
 Lat 12-56

Remarks On Board Columbus
Tuesday
July 23rd
first part light winds
from the South and Westward
steering S E saw a sail
of the lee quarter middle
and latter part light
winds South by E 19-08

Wednesday
July 24th
first part light winds
saw a sail of the weather
quarter middle and latter
part light winds
South 19-48 Long 50-20

Thursday
July 25th
first part strong winds and
squally at 10 o'clock doubled reef
the topsails middle and latter
part strong winds from the
South Eastward steering E by S

Friday
July 26th
first part strong winds and
squally middle and latter part
the same at 10 o'clock tacked to
the South Westward South 19-24

Saturday
July 27th
first part strong winds and squally
at 4 P.M. closed reef the topsail
middle part strong winds steering
S S W latter part the same
at 10 o'clock shook a reef out
the maintop sail South 20-23

Remarks On Board Ship Columbus

From
24

Sunday

July 28th

first part strong winds at 1
P.M. shook & reef out
the fore topsail and
main sail rot the Lib and spanker
middle part strong winds and
squally at 10 reefed the main sail
at 2 holed up the main sail
and closed reefed the fore and
main topsail at 3 rot the
main sail latter part strong
winds at 10 shook & reef out the
fore and main topsail and
main sail rot the Lib and spanker
Latt by Obs 21-39

To
2

To
26

Monday

July 29th

first part strong winds and
squally at 8 took in the Lib
and spanker and reefed the
main sail middle part as above
at 10 reefed the fore and main
topsail at 3 shook & reef out the
fore and main topsail latter
part as above at 8 rot the Lib and
spanker Latt by Obs 22-51

Tuesday

July 30th

first part strong winds beat
the Lib and fore sail middle part
more moderate at 2 shook & reef
out the main sail main and
mizen topsail steering S & E
latter part light. Winds at 10
shook the reefs out the topsails and
rot the maintopgallentail
Latt by Obs 24-03

Remarks On Board Ship Columbus

Wednesday
July 31st

first part light winds steering S
middle part light winds and calm latter
part calm and squally winds variable
Lat by Obs 24-33

Thursday
August 1st

first part strong winds and squally
at 2 reefed the topsails and took in the
main sail spanker and Lib at 8 closed
reef the topsails middle part strong
winds at 10 set the main sail at 2 shook
areef out the topsails and main sail set
the Lib and spanker at 3 shook areef out
the fore and main topsails and set the
main topgallent sail steering SSW
latter part strong winds at 6 took
in the main topgallent sail
Lib and spanker doubled reef the
topsails and reef the main sail
at 10 closed reef the topsails and
fired the main sail Lat 25-7

Friday August
2nd

first part strong winds from
the Land Eastward steering SSW
to work mending the waste boat
middle part strong winds at 10 took
in the mizen top sail and reef
the fore sail latter part the
same Lat by Obs 26-15

Saturday
August 3rd

first part strong winds shook
areef out the fore and main top
sail and set the mizen topsail
at 6 hept her of SSW middle part
shook the reefs out the topsails
and set the main topgallent sail
latter part the same Lat 28-00

Date	Remarks On Board S. Columbus
Sun 24 August the 4 th	first part light winds at 12 AM kep her of. W. by N. all sail out middle and latter part the same Leath by Obs 28-35
Mon 25 August the 5 th	first part light winds steering W. by N. all sail out middle part the same latter part as above Leath 28-23
Tue 26 August the 6 th	first part light winds from the north middle part light winds at 3 the wind bore to the South west ward braced up the yards latter part the same Leath 29-16
Wed 27 August the 7 th	first part light winds from the South East ward at 8 took in all sail middle part squally at 9 AM made all sail latter part squally at 11 took in all sail so ends these 24 hours
Thu 28 August the 8 th	first part strong winds and squally steering W. by N. no sail out middle and latter part the same
Fri 29 August the 9 th	first part strong winds and squally at 2 PM hove her to under the foretopmast stay sail and mizen stay sail was headed to the westward middle part the same latter part more moderate at 10 set the main top sail Leath by Obs 29-58 1 Le

Remarks On Board Ship Columbus Antigua

Saturday
August the 10

first part strong winds at 2 set the fore sail fore topsail and spraker middle part winds as above latter part more moderate made all sail steering W S W at 7 saw a sail of the Harbord bow

Sunday
August the 11th

first part light winds from the S and Eastward steering W S W at 2 P M saw another sail of the Harbord beam middle part the same latter part light winds at 9 o'clock sent up the main top gallent yard and set the main top gallent sail
Latth by Obs 30-17^{South}

Monday
August the 12

first part light winds steering W S W middle and latter part the same too sails in sight a head Latth by Obs 31-06

Tuesday
August the 13

first part light winds at 1 P M spoke the barge Janet west of Harbord came from bar to via bound to live pool middle part light winds at 4 the ship to windward hoisted a maroon colour latter part winds as above
Latth 32-19 Long 38

Wednesday
August the 14

first part light winds from the S and Eastward steering W S W all sail out middle and latter part the same Latth by Obs 33-03
South

Remarks On Voyage of Columbus

Thursday the 15th August first part light winds steering W middle and latter part as above Latitude by Obs 34-24

Long 34-28

Friday August the 16th first part strong winds middle part the same at 10 P.M. took in all sail latter part strong winds at 6 made sail

Latitude 35-47

Saturday August the 17th first part light winds at 2 tacked middle part strong winds and squally at 6 P.M. tacked to the West ward at 2 A.M. took in all sail latter part set the topsails steering W.S.W.

Latitude 35-49

Sunday August the 18th first part strong winds steering W.S.W. under double reefed topsails middle and latter part as above at 12 reefed the fore and main topsails

Latitude 35-38

Monday August the 19th first part strong winds at 4 closed reefed the topsails took in the Lib and spanker and braced up sharp steering S.W. middle part strong winds at 12 took in the mizen top sail latter part strong winds at 6 shook too reefs out the fore and main topsails and set the mizen Latitude 35-59

Remarks On Board S Columbus

Tuesday
August
20th

first part strong winds from the
Land Eastward steering W S W
middle part winds as above at 8 took
in the spanker and Lib at 12 took in
the mizen topsail and closed reefed
the fore and main latter part winds
as above at 6 rot the mizen topsail
Lib and spanker and shook a reef out
the fore and main topsail at 10 rot
the main sail at 12 the wind shifted
to the Land westward shore

Wednesday
August
21st

first part strong winds from
the Land westward steering W S W
at 2 PM closed reefed the topsails
and fixed the Lib at 6 took in
the spanker and mizen topsail
middle part strong winds and equally
latter part winds as above at 6 rot
the mizen topsail at 7 and a sail
of the barbed bow at 8 rot the colours
she rot french colours at 10 shook a reef
out the fore and main topsails

Lat by Obs 35=44

Long 28=00

LL

Remarks On Board S. Columbus

Thursday
August the 22
First part strong winds from the Landward steering W by N middle and latter part the same
Left by Obs 36-8

Friday
August the 23
First part strong winds steering W by N at 6 the wind shifted to the S braced up the yards middle part winds as above at 4 closed ~~and~~ reefed the top sails and reefed the fore sail at latter part strong winds at 6 took in the mizzen top sail at 12 took in the fore top sail
Left by Obs 39-03

Saturday
August the 24
First part strong winds from the Land Westward middle and latter part the same
Left by Obs 37-8

Sunday
August the 25
First part strong winds loosed the fore and mizzen top sails and shook a reef out the fore sail middle part winds as above latter part the same at 6 saw a sail of the Starboard beam at 11 hooked ship
Left 37-11

Remarks On Board of Columbus

Monday

August
the
26

first part strong winds at 4 took
in the fore and mizen topsails
middle part winds as above at 12
reefed the fore sail latter part
strong winds at 11 a man fell of
the spanker gaff so ends the

Tuesday

August
the
27

First part strong winds and
equally lying too under
close reefed main top sail
middle and latter part the
same Left by Obs 36 = 11

Wednesday

August
the
28

First part strong winds
and equally middle part the
same latter part more moderate
at 6 loosed the fore top sail and
fore sail at 11 shook areef out
the fore and main top sails and
set the mizen top sail steering
W by N Left by Obs 36 = 3

Thursday

August
the
29

First part strong winds laying
too under the fore topmast stay
sail and mizen top sail middle
and latter part the same at
4 wore ship

Remarks On Board J. Polussan

Friday
August
the
30

first part strong winds at 8
rot the main topsail and
fore sail mid be part more
moderate at 10 rot the fore top
sail and shook a reef out the
fore sail latter part strong
winds at 6 rot the
mizen topsail and shook a
reef out the main 20 ends

Saturday
August
the
31

first part strong winds mid be
part the same at 6 reefed the
fore sail and closed reefed the
main topsail at 10 took in
the fore and mizen topsails
at 2 rot the fore and mizen
topsails and shook a reef out
the fore sail latter part
light winds at 6 shook a reef
out the fore and main topsail
at 8 a French ship past ahead
at 10 spoke the William Gray of
Boston 40 days out bound to
Calcutta Lat by Obs 38-03
Long 27-00

Sunday
Septemb
the
1

First part light winds mid be
part the same at 10 30 shook
a reef out the main and mizen
topsail and tacked to the westward
latter part the same Lat 38-00

Remarks On Board Columbus

Monday

Sep the 2

First part light winds at 4 saw a right whale lored and fastened but did not get him midle and latter part light winds at 7 lored for anothe whale at 11 lored a gain but got nothing Latt by Obs 38-40

Tuesday

Sep the 3

First part light winds at 2 lored for a whale at 4 lored a gain but got nothing midle part light winds steering S.W. latter part strong winds at 8 at 10 firted the fore and mizen topsails and fore sail and closed reef the main topsail out of took him in and hove her too under stay sails

Latt 38-24

Wednesday

Sep the 4

first part blowing a gail from the S.W. laying too under say sails midle and latter part the same

Thursday

Sep the 5

First part a gail laying too under stay sails midle and latter part the same

Friday

Sep the 6

first part strong winds laying too under stay sails midle part the same latter part more moderate at 8 at 10 got the main topsail Latt 37-08

Friday
24

Saturday
Sep^r the 7

First part strong winds at 2 P.M.
set the fore sail and fore top sail
middle part winds as above latter
part at 8 A.M. set the mizen
top sail and spanker Lat^d 37-18

Saturday
25

Sunday Sep^r the 8

First part strong winds and squally
at 1 A.M. took in the fore sail and
fore top sail at 9 A.M. and spanker
at 7 took in the main top sail
middle part strong winds and
squally laying too under stay sails
latter part the same Lat^d 37-36

Sunday
26

Monday
Sep^r the 9

First part strong winds set the
main top sail fore sail and fore
top sail ~~the~~ middle and latter part
winds as above Lat^d 37-22

Tuesday
27

Tuesday Sep^r the 10

First part strong winds at 6
P.M. took in the fore sail and
fore top sail middle part winds
as above latter part more moderate
at 6 A.M. set the fore sail fore and
mizen top sails at 11 shook too reefs
out the main top sail and one
out the fore top sail and set the fore
and main sail Lat^d 37-27

Trustans grounds
famous for
shales

Charles H. Rogers Nantucket
September 10 1835 on board ship
Columbus bound to the Trustans Islands

Remarks On Board S. Columbus

Monday
Sep^r the
11

First part strong winds and
cloudy middle part light winds
at 12 squared the yards at 2
took in the spanker Lib and
mizen topmasts and reefed the
main topmast latter part strong
winds from the S E steering
S W by W going at the rate
of 10 knots Lat ³⁶⁻⁴⁶~~36-40~~
Long 27-48

Tuesday
Sep^r
12

First part strong winds
steering S W by W middle
and latter part the same
going at the rate of 10 knots
Lat 36-51

Wednesday
Sep^r the
13

First part strong winds from
the S E steering S W by W
middle part light winds
from the S E at 10 took in
the fore and mizen topmasts and
closed reefed the main topmast
at 2 set the fore and mizen
topmasts latter part strong
winds at 6 shook out ~~the~~ a
reef out the topmasts
Lat 36-22

Remarks On Board S. Columbus

Saturday
 Sept. the 14
 First part strong winds
 took in the fore sail fore
 and mizen top sail and
 closed reefed the main top sail
 middle and latter part strong
 winds and squally lying too
 under closed reefed main top sail
 Latd 36=34

Sunday
 Sept. the 15
 First part strong winds lying too
 middle part more moderate
 at 9 set the fore and mizen
 top sails and fore sail latter
 part light winds and calm
 at 9 shook a reef out the fore and
 main top sails and set the main
 sail at 10 tried to get soundings
 but did not make out Latd 36=45

Monday
 Sept. the 16
 First part strong winds and
 squally middle part winds as above
 at 8 AM fired the main sail
 at 10 closed reefed the top sails and
 at 2 took in the fore sail fore and
 mizen top sails latter part strong
 winds at 10 AM set the fore sail
 Latd by Obs 37=00

Remarks On Board of Columbus

Tuesday
Sept
the
17

First part strong winds at 2 P M
rot the fore and mizen top sail
middle part the same latter part light
winds at 10 A M shook a reef out the
main top sail & ends

Wednesday
Sept
the
18

First part strong winds middle part
the same at 8 P M rot the main sail
and shook a reef out the fore top sail
at 6 tacked to the west ward latter
part light winds at 8 rot the Gibe
and spanker Latd 38-26

Thursday
Sept
the
19

First part light winds at 2 tacked
to the S and Eastward middle and latter
part light winds at 6 A M shook a
reef out the fore and main top sail
at 8 saw a sail of the starboard beam
steering to the east ward at 10 took in
the larboard boat to mend and put
the waist boat on the larboard beam
roves there 24 hours Latd 37-41
Long 19-00

Friday
Sept
the
20

First part light winds and cloudy
to work mending the boat middle part
light winds from the S and east ward
latter part light winds from the S and
east ward and rainy to work on the boat
Latd by Obs 37-11
Longitude 18-39

Remarks On Board T. Columbus

Saturday
 Sept the 21
 First part strong winds from the Land eastward to work on the boat middle and latter part the same at 11 AM saw white whale lored and the second mate fattened and sunk him 20 ends
 Latd 36-40

Sunday
 Sept the 22
 First part light winds from the Land eastward at 4 PM Dabbled reefed the fore and main topmasts middle part strong winds at 4 PM spoke a ship from Liverpool bound to the east indias latter part light winds at 8 AM turned the reefs out the main topmasts steering S.W.
 Latitude 35-45

Monday
 Sept the 23
 First part strong winds from the Land westward steering S.W. middle part winds as above at 10 PM set the spanker and Lile at 12 Dabbled reefed the main topmasts latter part light winds at 10 sent up the main topgallent mast and turned a reef out the fore topmasts
 Latd 35-10

Tuesday
 Sept the 24
 First part light winds from the southward steering S.W. to work on the boat middle part light winds at 10 PM tacked to the southward and at 2 PM tacked to the S and westward at 10 AM bent the old fore mil and fore topmasts 20 ends to work on the boat
 Latd 34-39

Remarks On Board Ship Columbus

<p>Tuesday Sept the 25</p>	<p>First part light winds and calm at 4 P M bent the old main sail at 6 finished the boat middle part light winds latter part the same at 10 bent the Gib and painted the boat at 12 saw some white whales so ends there 24 hours</p>
<p>Wednesday Sept the 26</p>	<p>First part light winds and calm at 1 P M hoared for the whales but did not catch them at 4 bent the old main top sail middle part calm latter part light winds at 6 A M hoared for whales the cpt and second mate fastened at 12 got one along side and runk the other Lat 34 = 26</p>
<p>Friday Sept the 27</p>	<p>First part light winds began to cut in at 6 finished middle part light winds at 8 began to try out latter part trying out</p>
<p>Saturday Sept the 28</p>	<p>First part to work trying out middle part the same latter part at 8 A M finished trying out</p>
<p>Sunday Sept the 29</p>	<p>First part cleaned the boards at 6 spoke the cornett out of need London with the 80 barrels of sperm and one whale middle and latter part light winds</p>

Remarks On Board Columbus	
Monday Sept the 30	First part light winds in conspiracy with the connection wind stored down the oil middle and latter part light winds at 10 o'clock looked for whales but did not get any
Tuesday Oct the 1	First part light winds middle and latter part the same at 8 o'clock the capt went on board the connection and there mate came on board
Wednesday Oct the 2	First part light winds in conspiracy with the connection at 6 o'clock reefed the topsails middle part strong winds 11 o'clock took in the main top sail and Jib latter part light winds at 6 o'clock made sail steering W & W Lat 32-43
Thursday Oct the 3	First part light winds at 6 o'clock took in sail middle and latter part winds as above at 6 o'clock made sail nothing in sight but fin backs so ends these 24 hours
Friday Oct the 4	First part light winds at 6 o'clock took in sail middle part winds as above latter part light winds at 6 o'clock made sail Lat 32-10

Remarks On Board S. Columbus

Saturday
Oct the
5

First part strong winds at 6 P.M.
took in sail middle and latter
part winds as above Lat^d 32-19

Sunday
Oct the
6

First part strong winds laying
too under close reefed main topsail
middle and latter part the same

Monday
Oct the
7

First part strong winds middle
and latter part winds as above
Lat^d 32-20

Tuesday
Oct the
8

First part light winds at 6
P.M. took in sail middle and
latter part winds as above at
6 A.M. made sail Lat^d 32-12

Wednesday
Oct the
9

First part light winds at 6 P.M.
took in sail middle and latter
part winds as above at 6 A.M.
made sail Lat^d 32-02

Thursday
Oct the
10

First part strong winds at 6 P.M.
took in sail middle part winds as
above latter part light winds at
6 A.M. made sail Lat^d 32-00

Friday
Octob the
11

First part light winds
at 11 A.M. hoared for whales
but did not get any middle
and latter part winds as
above Lat^d 31-49

Remarks On Board Columbus

24
 Saturday
 Oct the 12
 First part light winds at 8 AM
 2 PM loared and chased
 whales at midle and latter
 part winds as above at 10
 loared and chased whales
 Lat 31-00

26
 Sunday
 Oct the 13
 First part light winds at 6 AM
 1 PM took in sail midle
 and latter part the same at 4 PM
 made sail at 10 tacked
 to the Land East ward
 Lat 29-31

Monday
 Oct the 14
 First part light winds
 at 6 AM doubled reefed the topsails
 midle part winds as above
 latter part light winds at 4 PM
 made sail Lat 29-42

28
 Tuesday
 Oct the 15
 First part light winds and
 calm at 6 AM took in sail midle
 and latter part winds as above
 at 4 PM made sail Lat 31-00

Wednesday
 Oct the 16
 First part light winds at 6 AM
 1 PM took in sail midle and
 latter part winds as above
 at 4 PM made sail at 10 loared
 and chased whales Lat 31-15

A Journal kept on board the Ship
Columbus during a passage from
the Island Ascension to Vantucket by
Charles W. Rogers. Commenced March 31
1834

Monday
March 31st First ^{fourth} light trades at 5 at 5 PM
weighed & sailed from the Island
of Ascension for Vantucket at 6
PM the land bore SE 2 leagues from
which I take my departure being
in Lat 7. 54. South Long 14. 32 West
steered NW by W with all drawing sail
set middle & latter part the same
all hands employed fitting rigging
& painting the ship to End

Lat 10. 34
Long 15. 20

Tuesday
April 1st First part light trades and clear
pleasant weather steered NW by W with
all drawing sail set middle and
latter part the same all hands to
employe fitting rigging to End

Lat by D R 7-05 S

Longitude by D R 16-44 W

Wednesday
April 2nd First part light trades clear and pleasant
steering NW by W with all drawing sail
set middle and latter part the same
all hands employed fitting rigging to End

Lat by D R 6-22

Long by D R 19-00

Ship Columbus Homeward

Thursday
April the 3

First part light tracks clear and pleasant
with all drawing sail set steering NW by W
middle and latter part the same
all hands employed fitting rigging
To Ends

Lat by DR 5-44 $^{\circ}$

Longitude by DR 21-06

Friday
April the 4

First part light trades and pleasant
with all drawing sail set at 4 P M a
paint pot fell from aloft but hurt
no one all hands employed fitting rigging
and painting the spars at 5 P M sent
down the cutting blocks middle and
latter part light winds and squally
To Ends

Lat by DR 5-08

Long by DR 23-05

Saturday
April the 5

First part light winds from NW by W
steering NW by W at 2 P M braced the yards
and took in the larboard and fore studding
sails set the Sib and spanker all hands
employed fitting rigging middle part light
winds and squally at 10 P M took in the main
royal and topgallant studding sails latter
part light winds from the S and Eastward
and squally steering NW by W with all
drawing sails set at 8 P M saw several

vessels standing to the South ward at 9 spoke
the gorgegrana of Liverpool bound to Valparaiso
To Ends Lat 4-15 Long 25-15 west

Bound In 1834

Sunday
April the 6th

First part light winds and squally from the S and Eastward steering S by W with all drawing sails set all hands employed cleaning ship middle and latter part light winds and squally at 2 O'Clock took in the topgallent studding sails at 4 took in the topgallent sails at 6 O'Clock set the topgallent sails topgallent studding sails and main royal
S. Ends

Lat by D.R. 3-58

Longitude by D.R. 27-00

Monday
April the 7th

First part light winds from the S East and squally steering S.W. with all drawing sail set middle part winds as above steering S.W. by S at 2 O'Clock took in the main royal and topgallent studding sails at 4 the slings to the main yard parted at 5 took in the fore topmast studding sail and braced up the yards heading S.W. the wind S.E. by S latter part strong winds from the westward heading S.W. at 10 O'Clock saw a sail off the larboard bow at 11 tack'd to the S and Eastward so ends

Lat by D.R. 3-55

Long by D.R. 27-41

Fr
24

Ship
Tuesday

April
the
8

Columbus Homeward Bound In 1834

First part light winds and squally from
W & W steering N by E with all drawing sail
set middle and latter part light winds
and squally steering N & W at 6 o'clock and
a sail off the starboard bow standing to
the Eastward 20 miles Lat by D H 3-12 S

Long by D H 27-55 W

Tu
26

Wednesday
April
the
9

First part light winds and squally from the
S & E steering N & W with all drawing sail
set middle and latter part calm

at 6 o'clock on board the fore topgallant
sail to mend at 11 o'clock braced round the
yards 20 miles Lat by D H 2-52 south

Long by D H 28-08 west

Thursday
April
the
10

First part light winds and squally
beating N wind W & W middle part strong
winds from the N & E and squally steering
N & W latter part light winds and squally
from the Northward steering W & W at 6
o'clock set the main topgallant sail one watch
employed painting ship 20 miles

Lat by D H 2-55

Long by D H 28-56

1834

Ship Columbus Homeward Bound In 1834

Friday

April
the
11

First part light winds from the Eastward
steering S D N E with all drawing sail set
middle and latter part winds and course as
above all hands employed painting ship
so. Ends

Lat by D R 2-05 south

Long by D R 29-18 west

Saturday

April
the
12

First part light winds and calm from E
steering S D N E with all drawing sail set
all hands employed painting ship middle and
latter part winds as above steering S D W
with all drawing sail set one watch employed
painting ship so ends Lat by Ch 1-15

Long by D R 29-59

Sunday

April
the
13

First part light winds and pleasant steering
S D W with all drawing sail set one watch
employed painting ship middle part light
winds from the Eastward steering S D E with
all drawing sail set latter part winds as above
with rain so ends Lat by D R 41 ^{miles} south

Long by D R 30-26 ²⁶ west

Monday

April
the
14

First part light winds and equally from the
Eastward steering S D W with all drawing
sail set at 6 P M towed the waist boat
for some grampasses but did not get any
middle and latter part winds as above

at 12 P M took in the topgallentails so ends
Lat by D R 20 ^{miles} north Long by D R 30-39 ³⁹ W

Ship Columbus Homeward Bound

Tuesday

April the 15

First part brisk winds from the S and eastward steering N middle part brisk winds and raining at 11 AM set the fore topmast and main topgallant standing sails and fore and main topgallant sails latter part light winds and pleasant from ESE steering N with all drawing sail set on bent the jib and bent another so ends

Lat by Obs 28 north

Lat by D R 30 north

Long by D R 30-39 west

Wednesday

April the 16

~~First part calm and light squalls of rain from the Eastward steering N N W~~

First part calm and light squalls of rain from the Eastward steering N N W middle part light winds at 8 AM took in the fore and main topgallant sails and main royal latter part brisk winds from the Eastward steering N at 9 AM set the fore and main topgallant sails at 10 set the fore topmast fore and main topgallant standing sails so ends

Lat by Obs 34 north

Lat by D R 45 north

Long by D R 30-46

The Island Ascension Towards Nantucket In 1834

Wednesday
April
the
17

First part brisk winds from the N E steering
N W by N with all drawing sail set at 2 P M
carried away the fore topgallant studding sail
boom at 3 P M spliced it and sent it up again
middle part light winds and squally at 2 o'clock
took in the topgallant studding sails at 3 o'clock
light winds from the S S E steering N squared
the yards at 4 latter part brisk winds from the
Eastward steering N at 8 o'clock saw a shoal of
black fish boreward the starboard larboard and
waite boat but got none at 9 set the fore
and main topgallant studding sails so ends

Leath by Obs 1-28 north

Leath by DR 1-38

Long by DR 31-47 west

Thursday
April
the
18

First part brisk winds from the N and Eastward
steering N by W with all drawing sail set
middle and latter part winds as above
steering N P W so ends Leath by Obs 2-30 north

Leath by DR 2-31

Long by DR 32-37 and

Friday
April
the
19

First part strong winds from the N E
steering N W with all drawing sail
set middle part winds as above took in
the studding sails and topgallant sails
latter part strong trades from the N E
steering N W with all drawing sail set
Leath by DR 3-53 Leath by Obs 3-57
Long by DR 34-02

Ship Columbus Home ward I Bound From

Sunday
April the
20

First part strong NE trades steering
NW with all drawing sail set middle
and latter part winds as above at 10 took in
the main royal soends Lat by Ob 5-24

Lat by DR 5-24

Long by DR 35-53

Monday
April the
21

First part strong NE trades steering NW
with all drawing sail set middle
part winds as above steering NW
latter part strong trades steering NW
with all drawing sail set all hands
employed getting up fresh water out the
main hatch way and filling salt soends

Lat by Ob 7-01 W

Lat by DR 6-59

Long by DR 38-33 W

Tuesday
April the
22

First part strong trades steering NW
with all drawing sail set all hands
employed fitting blocks straps middle
and latter part strong trades steering
NW by N with all drawing sail set
so ends

Lat by DR 8-24 W

Long by DR 41-03 west

L
L

The Island Ascension Towards Nantucket In 1834

Wednesday
April
the
23

First part strong trades steering N W by N
with all drawing sail set middle and
latter part strong trades steering N W by N with all
drawing sail set So Ends Lat by Obs 10-47 north
Lat by D R 10-46 north
Long by D R 42-56 west

Thursday
April
the
24

First part strong trades steering N W by N with
all drawing sail set middle and latter part
strong trades steering N W by N with all
drawing sail set So Ends Lat by Obs 12-53
Lat by D R 12-23
Long by D R 44-28

Friday
April
the
25

First part light trades steering S W by W
with all drawing sail set middle and
latter part strong trades from E N E
steering N W by N with all drawing sail set
So Ends Lat by Obs 14-49 north
Lat by D R 14-40
Long by D R 46-14 west

Saturday
April
the
26

First part strong winds steering N W by W
with all drawing sail set middle and
latter part strong trades steering N W by N
with all drawing sail set at 10 A M
cleared out the steerage fore-castle and
harboard stateroom at 11 A M white washed
the fore-castle and steerage So Ends
Lat by Obs 16-52 Lat by D R 16-56 Long by dr
48-14

Ship Columbus Homeward Bound from

Sunday
April
27

First part strong trades steering NW with
all drawing sail set middle and latter part
the same So Ends Laid by Ob 18-52
Laid by Ob DR 18-59
Long by DR 50-14 west

Monday
April
the
28

First part strong trades steering NW with
all drawing sail set middle and latter
part light trades steering NW with all
drawing sail set one watch to work painting
the waist So Ends Laid by Ob 20-05
Laid by DR 20-14
Long by DR 52-00

Tuesday
April
the
29

First part light trades steering NW with all
drawing sail set one watch employed painting
the waist middle and latter part winds as above
steering NW with all drawing sail set so Ends
Laid by Ob 20-46
Laid by DR 20-45
Long by DR 53-05

Wednesday
April
the
30

First part light trades steering NW with
all drawing sail set middle and latter part
the same So Ends Laid by Ob 22-00
Laid by DR 21-59
Long by DR 55-50

The Isle Ascension Towards Nantucket In 1834

Thursday
May 2^d
of the 1st

First part light winds from the South and East ward steering N.W. with all drawing sail set middle part the same latter part strong winds from the S.E. steering N.W. at 9 A.M. spoke the Eagle of Portland bound to the Island of Martinique with a load of staves out 43 days supplied her with bread so ends

Lat by Obs 23=16 north
Lat by D.R. 23=15
Long by D.R. 55=03 west
L
L

Friday
May 3^d

First part light winds from the South west steering N.W. with all drawing sail set middle and latter part the same saw great quantities of gulf weed so ends

Lat by Obs 23=55 W
Lat by D.R. 23=54
Long by D.R. 55=51

Saturday
May 4th

First part light winds from the South west steering N.W. with all drawing sail set middle and latter part light winds from the S.E. steering N.W. with all drawing sail set so ends

Lat by Obs 24=17
Lat by D.R. 24=16
Long by D.R. 56=35
L
L

Fr. 24 Ship Columbus Homeward Bound From
Sunday May 26 First part light winds from the SE steering S.W.

Tu 25 with all drawing sail set at 2 P.M. sent down the
fore top gallant yard and fished it at 4 P.M. sent
it up again middle and latter part strong
winds from the South and Westward steering S.W.
with all sail set at 4 P.M. saw a sail of the
harbour now standing to the N and Westward
To Ends Lat by D.R. 25-28

Tu 26 Long by Obs 54-26
Long by D.R. 54-36

Monday May 27 First part strong winds and squally from the
Westward steering S.W. at 4 P.M. took in
the fore main and mizen top-gt sails and
took one reef in the fore and mizen top-sails
middle part strong winds from the N and Eastward
at 8 P.M. took to the N Westward steering
S.W. by W at 10 P.M. set the main top-gt sail
at 2 set the fore and mizen top-gt sails
at 6 A.M. shake the reefs out of the topsails
steered N.W. by W To ends

Lat by Obs 25-51

Lat by D.R. 25-48

Long by D.R. 58-46

J

The Island Ascension Towards Nantucket Jan 1834

Monday
 Tuesday
 May 6th
 First part light winds from E & steering N by W at 4 p.m. saw a sail to windward steering to the South west at 5 set F & I mast studding sail middle part winds as above at 10 set Topgallant studding sails and main royal latter part light winds from E steering N by W with all drawing sail set at 6 A.M. saw a sail ahead steering N by W to Ends Lat by Obs 26-36
 Lat by D R 26-33
 Long by D R 60-06

Wednesday
 May 7th
 First part strong winds from East steering N by W at 10 P.M. spoke ship Susan of ~~the~~ Boston 42 days from the Cape of Good Hope bound to Boston middle and latter part strong winds from the East steering N.W. with all drawing sail set at 6 A.M. saw two sails to windward to Ends
 Lat by Obs 27-34
 Lat by D R 27-38
 Long by D R 62-05

Thursday
 May 8th
 First part strong winds from the E steering N.W. with all drawing sail set at 2 P.M. saw a sail ahead steering S.W. middle and latter part strong winds from the S East steering N.W. with all drawing sail set to Ends
 Lat by Obs 29-15
 Lat by D R 29-15
 Long by D R 64-05

Ship Columbus Homeward Bound From

Friday

May 9th

First part strong winds from the S E steering
N W with all drawing sail set at 10 P M
saw two sails to leeward one steering N W
the other N E middle part winds as above
steering N W latter part the same So Ends

Lat by 31-10 S

Long by D R 66-00

Saturday

May 10th

First part strong winds from S W steering
N W middle part calm and rainy latter light
winds from S steering N W saw two sail
to the westward So Ends Lat by Obs 31-38

Lat by D R 31-55

Long by D R 66-44

Sunday

May 11th

First part light winds from N S W steering
N W by N with all drawing sail set middle
part strong winds from N W took in Top
gallant sails and double reefed the Top sails
latter part light winds from N E steering
N W by N saw a sail to the East steering S

Lat by Obs 32-20

Lat by D R 32-24

Long by D R 67-29

The Island Ascension Towards Nantucket In 1838

Monday
May 12th

First part light winds from the S W
steering N W by N at 2 P M saw a sail ahead
steering to the S and westward middle part light
winds steering N W by N at 10 P M set the
standing sails latter part strong winds from the
S W steering N W by N at 10 A M took in the
standing sails at 11 took in the fore and mizen
top g^t sails and reefed the mizen topsail so ends

Lat by D R 34=06
Long by D R 68=29

Tuesday
May 13th

First part strong winds from the S W
steering N W by N at 2 P M saw a sail ahead
steering to the Eastward at 3 P M reefed the fore
topsail and have the cobboes over board
at 6 P M sent down the fore mizen top
and main royal yard latter part light winds
from the S and westward steering W ~~and~~ at

10 A M sent up the top g^t and ^{yard} ~~and~~ Lat by Obs 35=02
Lat by D R 34=57
Long by Chron 68=58
Long by D R 69=14

Wednesday
May 14th

First part strong winds from the N E
steering N E by E with all drawing sail set
middle part strong winds from the N W and gradually
at 10 P M took in the top g^t sails and fore and
mizen topsails mainsail Tilt and spanker and ~~and~~
reefed the main top sail latter part made sail
so ends Lat by D R 35=26 Long by D R 69=44

Ship Columbus Homeward Bound From

Thursday
the 15

First part light winds and calm at 2 P.M.
let the reefs out the topsails and set the
top g^t sails at 12 P.M. set the stiding sails
latter part calm at 11 A.M. took in the
top g^t sails and reefed the top sails so ends
Lat^d by D.R. 35-40
Long^y by D.R. 70-04

Friday May
the 16

First part strong winds from the N.E.
steering N.W. under reef topsails at 2 P.M.
saw two sails to leeward steering to the S.W.
middle part strong winds from the S.W.
steering N.W. at 10 P.M. took in the main
sail Tib and spanker at 11¹/₂ a man fell
off the Tib boom but we saved him at 12 P.M.
took in the fore and mizen topsails and
closed reefed the main latter part strong
winds from the S.E. at 4 P.M. set the
spanker Tib main sail fore and mizen
topsails and turned a reef out the main
topsail So Ends Lat^d by O.S. 35-54
Lat^d by D.R. 36-00
Long^y by D.R. 71-11

L

The Island Ascension Towards Nantucket Shoals

Saturday
May
the 17
1834

First part strong winds from the NNE
steering W by N middle part light winds
latter part light winds from the NNE
steering W at 10 o'clock on board the main
top-sail and mended it at 12 set it so ends

Latitude by Ob 36-04
Longitude by DR 36-09
Longitude by DR 71-47

Sunday
May
the 18

First part light winds from the NW
steering W at 1 o'clock on board the main
top-sail and mended it at 3 bent it and
were round to the North and Eastward middle
part light winds from the NW steering
NNE at 2 o'clock sent up the fore-mizen
top-sail and main royal-yard latter part
strong winds from the NW steering NNE
with all drawing sail set at 8 o'clock saw
a sail to leeward steering NW was too distant

To Ends
Latitude by Ob 37-18
Longitude by DR 37-19
Longitude by DR 71-29

Monday
May the
19

First part light winds from the westward
steering N by W with all drawing sail set
at 4 o'clock sounded no bottom middle and latter
part light winds from the westward steering
NNE at 6 o'clock set the top-sail and fore-top-mast
standing sails so ends

Latitude by Ob 38-30
Longitude by DR 38-36
Longitude by DR 71-30

Ship Columbus Homeward Bound From

Tuesday May
20

First part strong winds from the Westward
steering N by W with all drawing sail set
middle part the same at 12 P M sounded
in 65 fathoms at 2 A M spoke the ship
Columbean of sag harbour with 1700 lbs of oil
bound in latter part light winds saw a grate
many vessels To End Lat by Ob $40=21$

Long by D M $50=30$

Long by D M $71=45$

Wednesday
May the 21

First part light winds from the Eastward
steering N by E with all drawing sail set
saw a grate many vessels middle part
light winds from the S E steering N E
latter part light winds at 6 A M took a
pilot so End Latitude $41=00$ block P
Longitude $71=00$ bearing N S W

L

The Island Ascension Towards Nantucket In 1877

